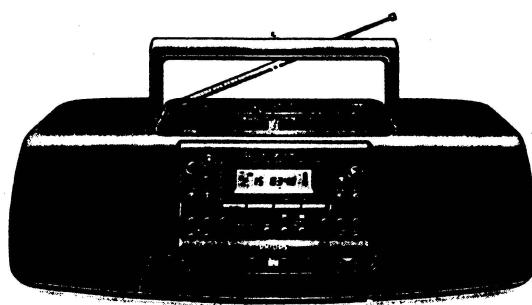


Service
Service
Service



Service Manual



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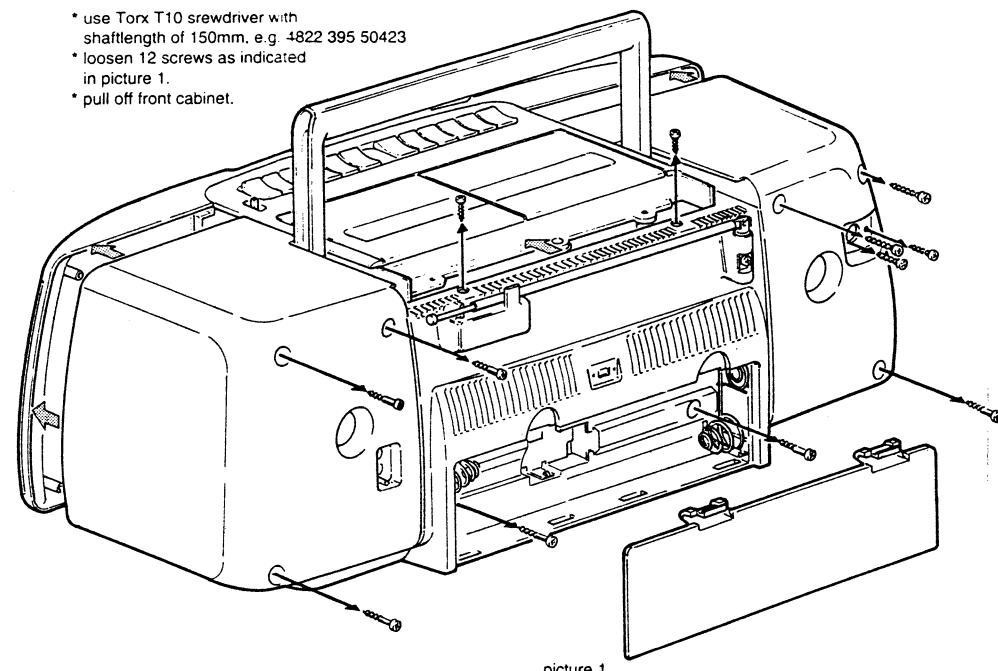
CLASS 1
LASER PRODUCT



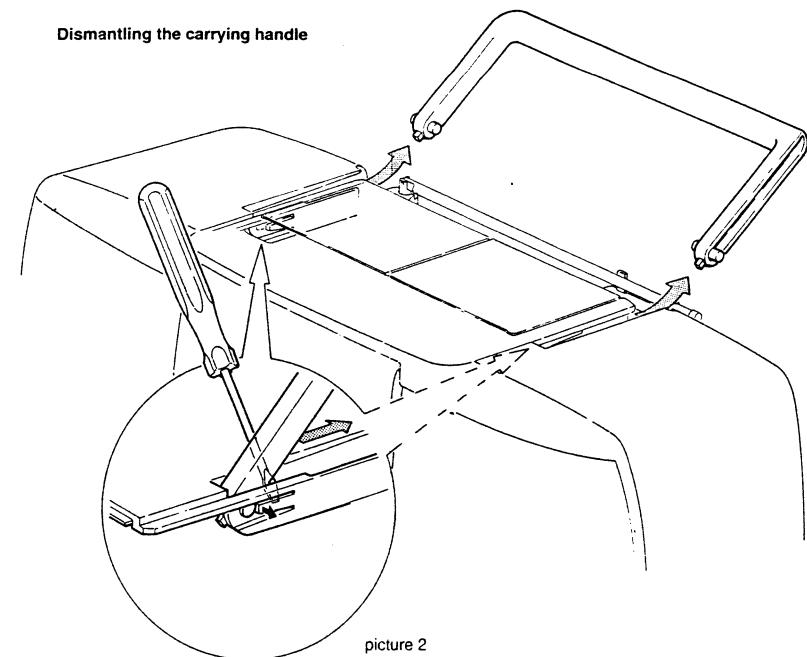
DISMANTLING INSTRUCTIONS

Removing the rear cabinet

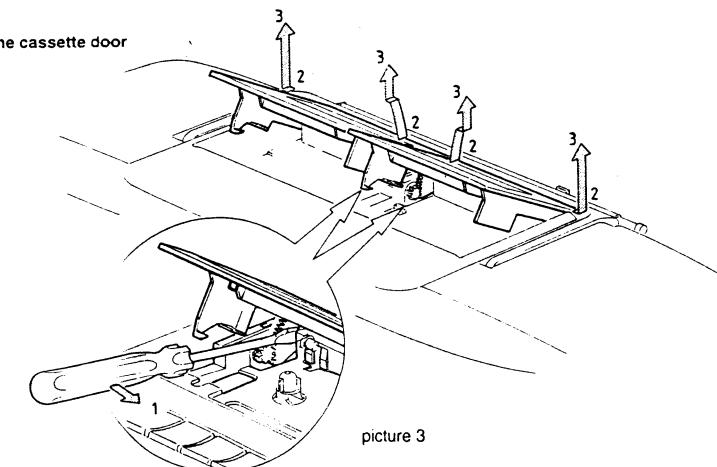
- use Torx T10 screwdriver with shaftlength of 150mm, e.g. 4822 395 50423
- loosen 12 screws as indicated in picture 1.
- pull off front cabinet.



Dismantling the carrying handle

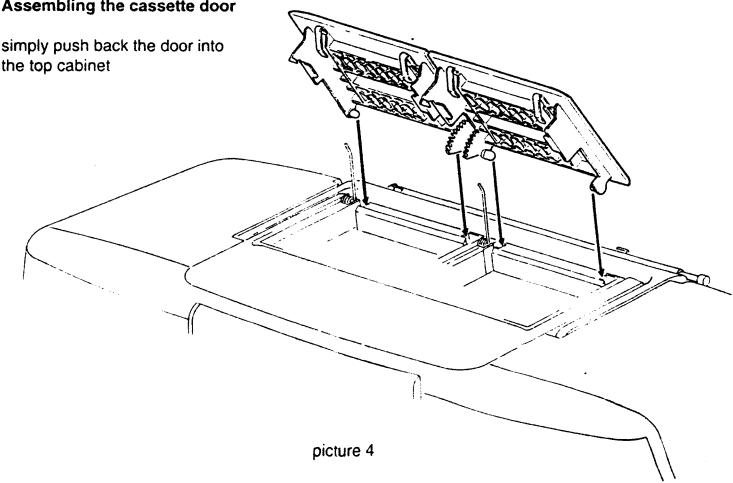


Dismantling the cassette door



Assembling the cassette door

simply push back the door into the top cabinet



Dismantling hints CD Short Loader

Dismantling the tray

- Press open/close button to open the tray. If the tray doesn't work, use a small screwdriver as shown in Fig.1 point 1 to move the tray outside. After the first centimetre it is possible to pull the tray out by hand.
- Release two snaps and remove tray.

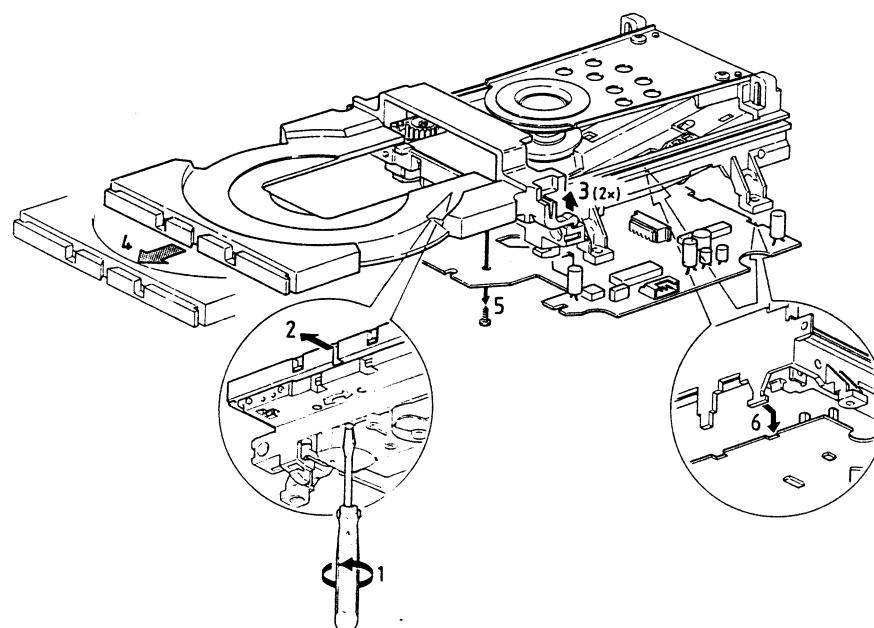


Fig. 1

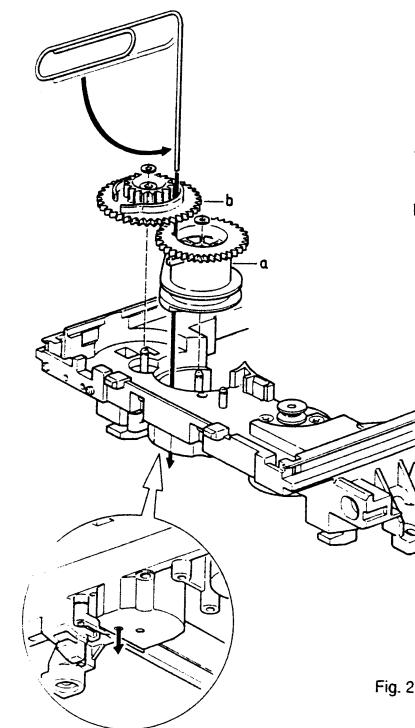


Fig. 2

Assembly of gear

- Use a pin (e.g. a paperclip) to align the cam wheel (a) with the gear wheel (b). See Fig. 2.
- Fix the wheels with the small plastic washers.

- c) Mount idle wheel 2 (c) and idle wheel 1 (d) in any position. See Fig. 3.
- d) Fix the idle wheel 1 (d) with the small plastic whasher.
- e) Mount the driving belt.

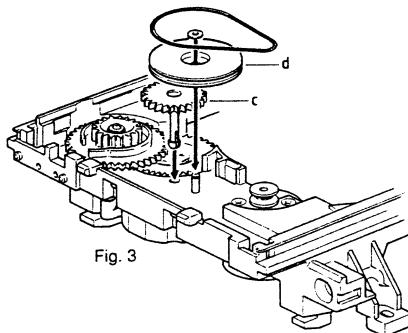


Fig. 3

- f) Mount the pinion guiding assy and the cover as shown in Fig. 4.
- g) Turn the gear wheel (b) counter clockwise to endposition.

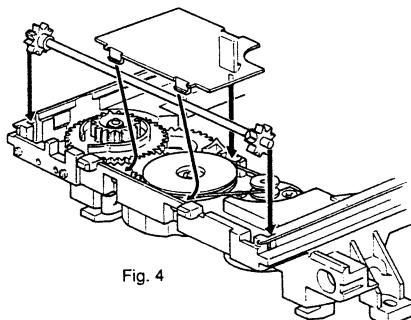


Fig. 4

- h) Mount the CD Mechanism as shown in Fig. 5.
- i) Mount the tray (Align the tray to the chassis and push it inside).

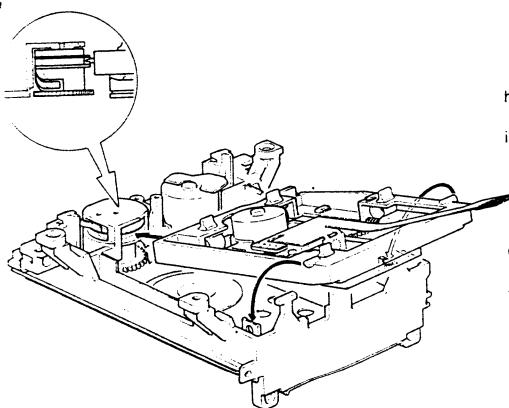


Fig. 5

Check if tray mechanism works correctly!

- 1) Turn the gear wheel (b) clockwise to its endposition (Use a small screwdriver as shown in Fig. 1 point 1).

The tray has to move to inner position first and then the CD mechanism has to move to its upper position.

- 2) Turn the gear wheel (b) counter clockwise to its endposition.

The CD Mechanism has to move to its lower position first and then the tray has to move outside.

- c) Mount idle wheel 2 (c) and idle wheel 1 (d) in any position. See Fig. 3.
- d) Fix the idle wheel 1 (d) with the small plastic washer.
- e) Mount the driving belt.

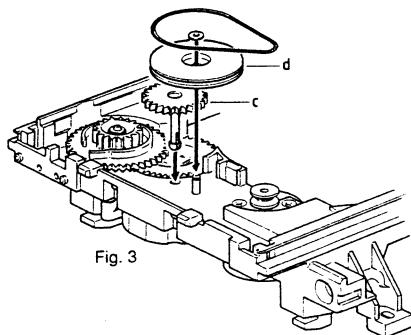


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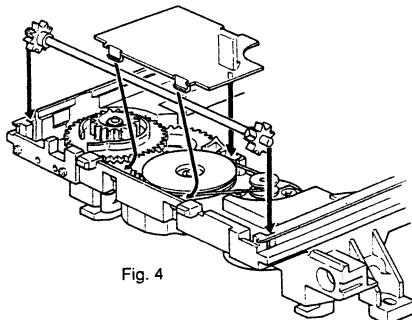


Fig. 4

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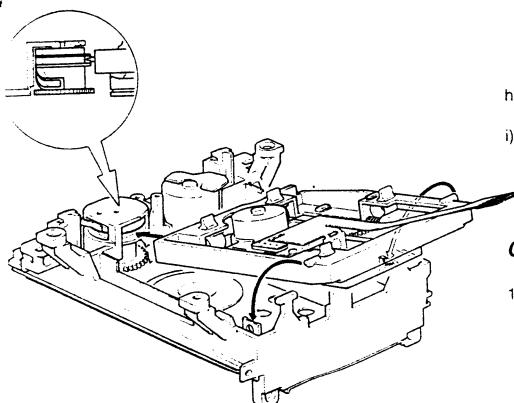


Fig. 5

Check if tray mechanism works correctly!

- 1) Turn the gear wheel (b) clockwise to its endposition (Use a small screwdriver as shown in Fig. 1 point 1).

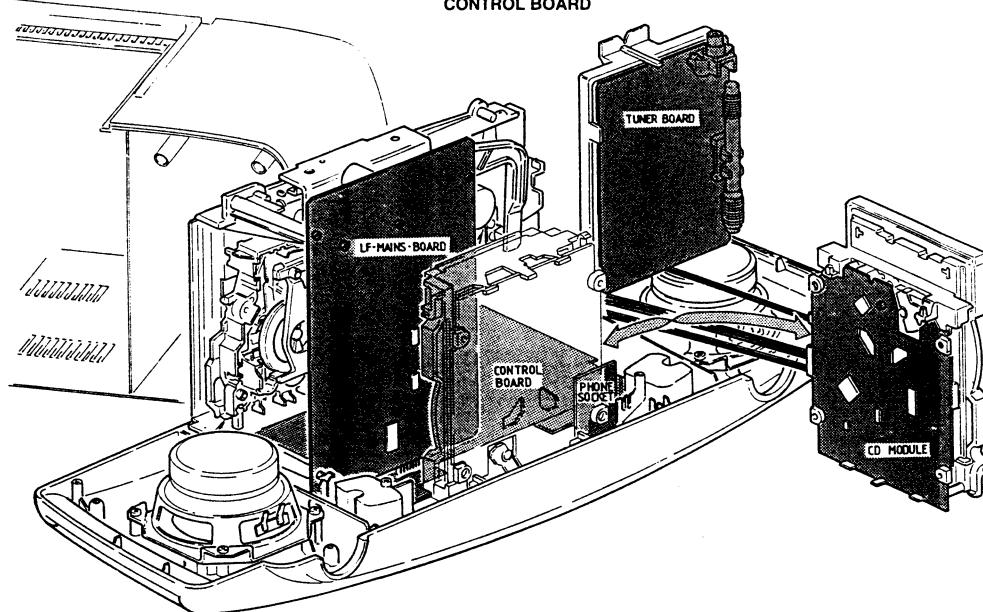
The tray has to move to inner position first and then the CD mechanism has to move to its upper position.

- 2) Turn the gear wheel (b) counter clockwise to its endposition.

The CD Mechanism has to move to its lower position first and then the tray has to move outside.

REPAIR POSITIONS

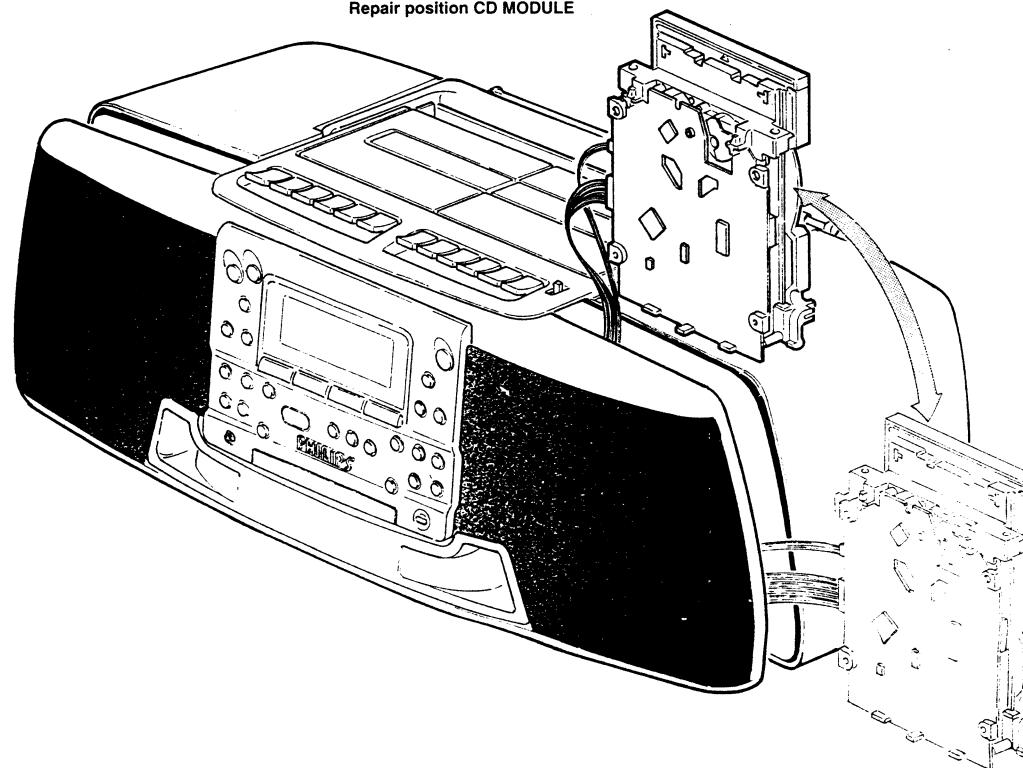
GENERAL repair position for: TUNER BOARD
LF-MAINS BOARD
CONTROL BOARD



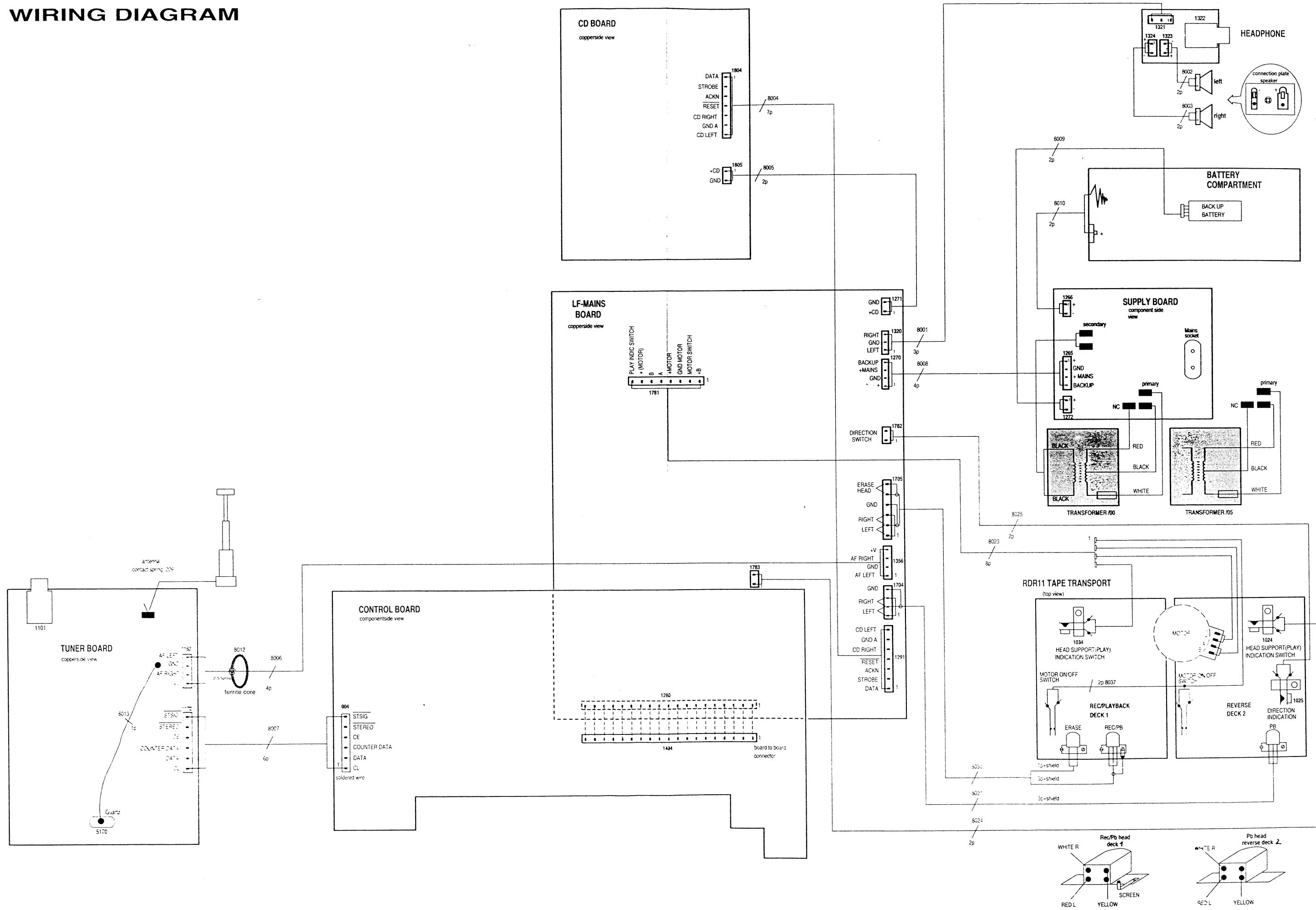
Put CD module aside if necessary.

To get full access to Control Board respectively to the component side of LF-Mains Board, remove top cabinet with tape transports → loosen 3 screws of LF-Mains Board and 2 screws top cabinet-front cabinet first. Then pull off top part while bending LF-Mains Board backwards (cool -& fin!)

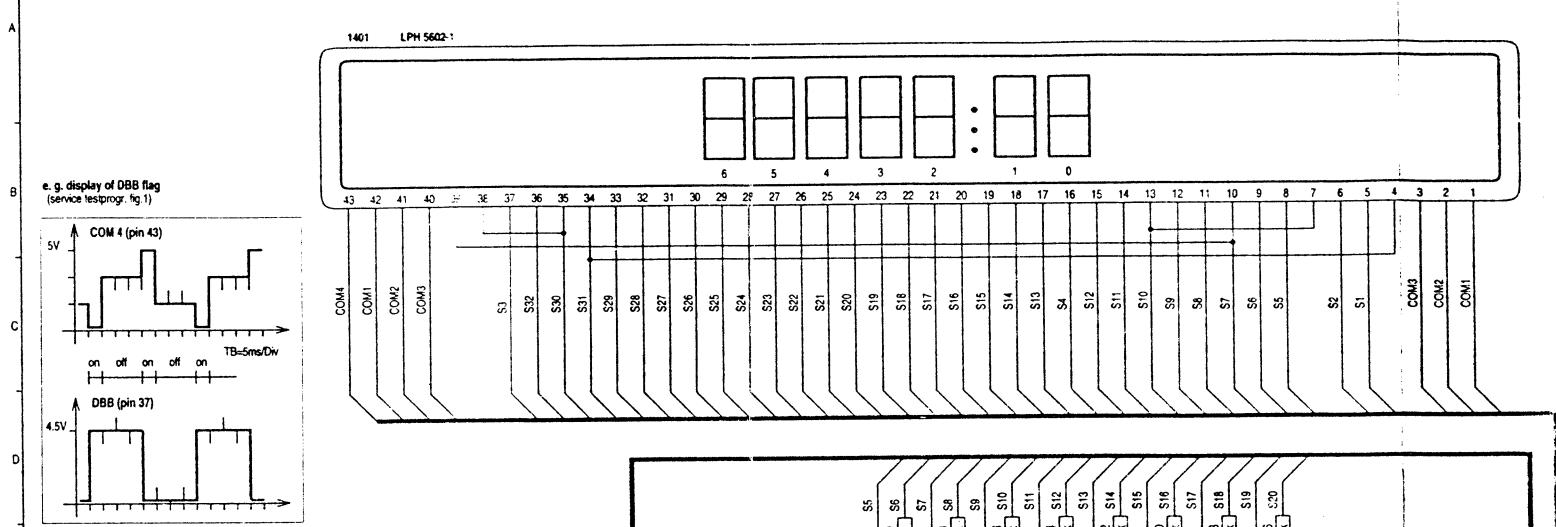
Repair position CD MODULE



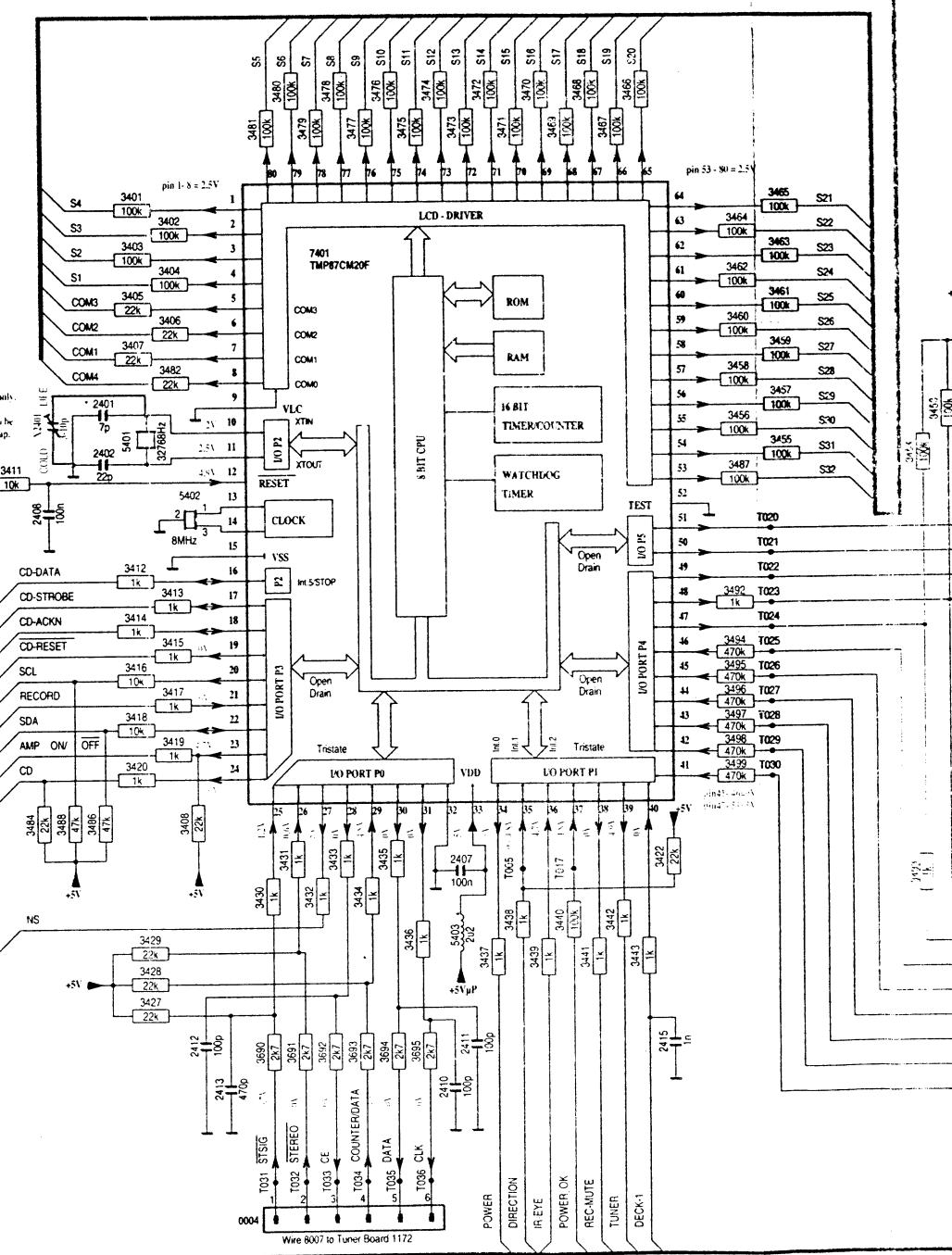
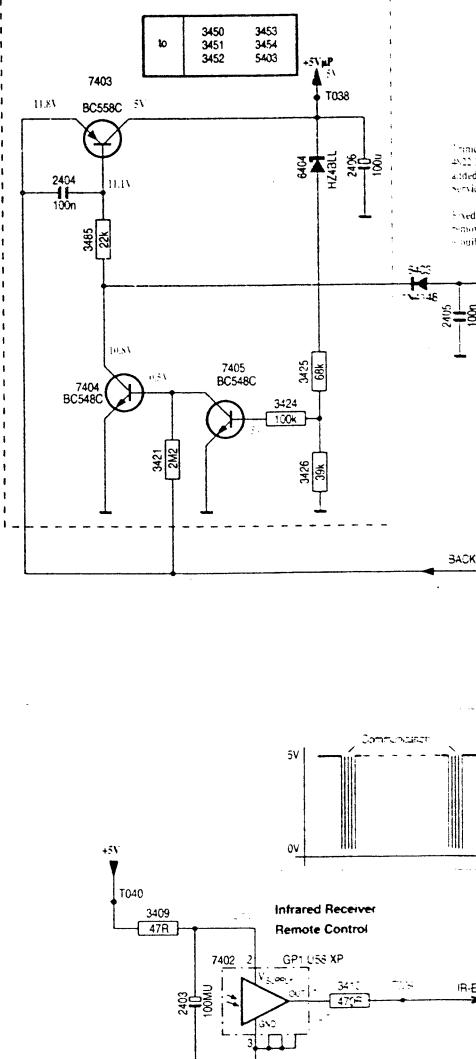
WIRING DIAGRAM



CONTROL BOARD

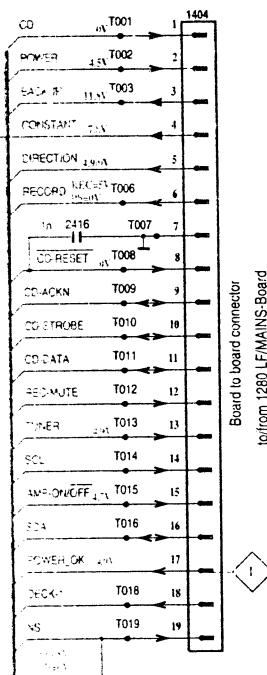
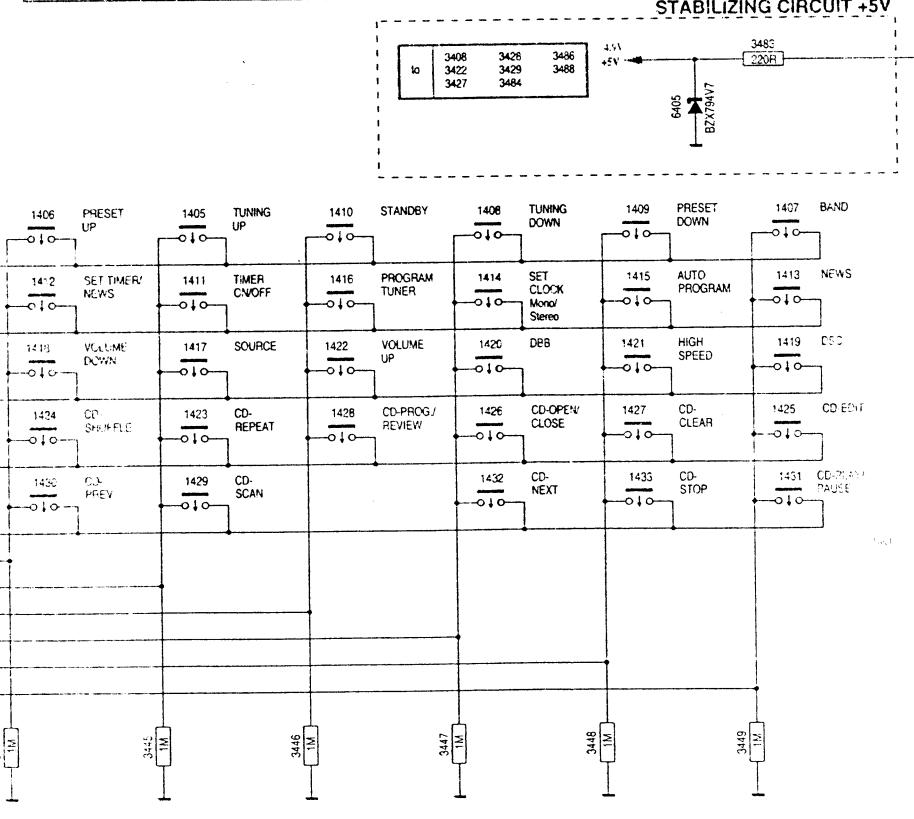
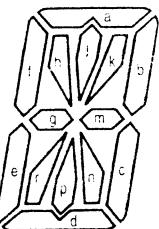
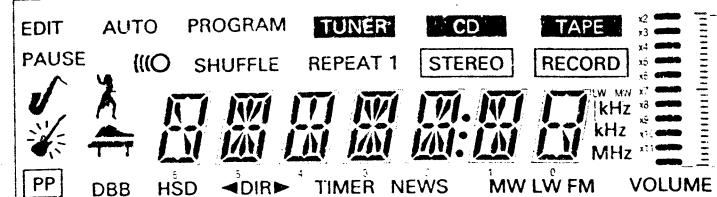


STABILIZING CIRCUIT μ P SUPPLY



DISPLAY CONNECTION TABLE

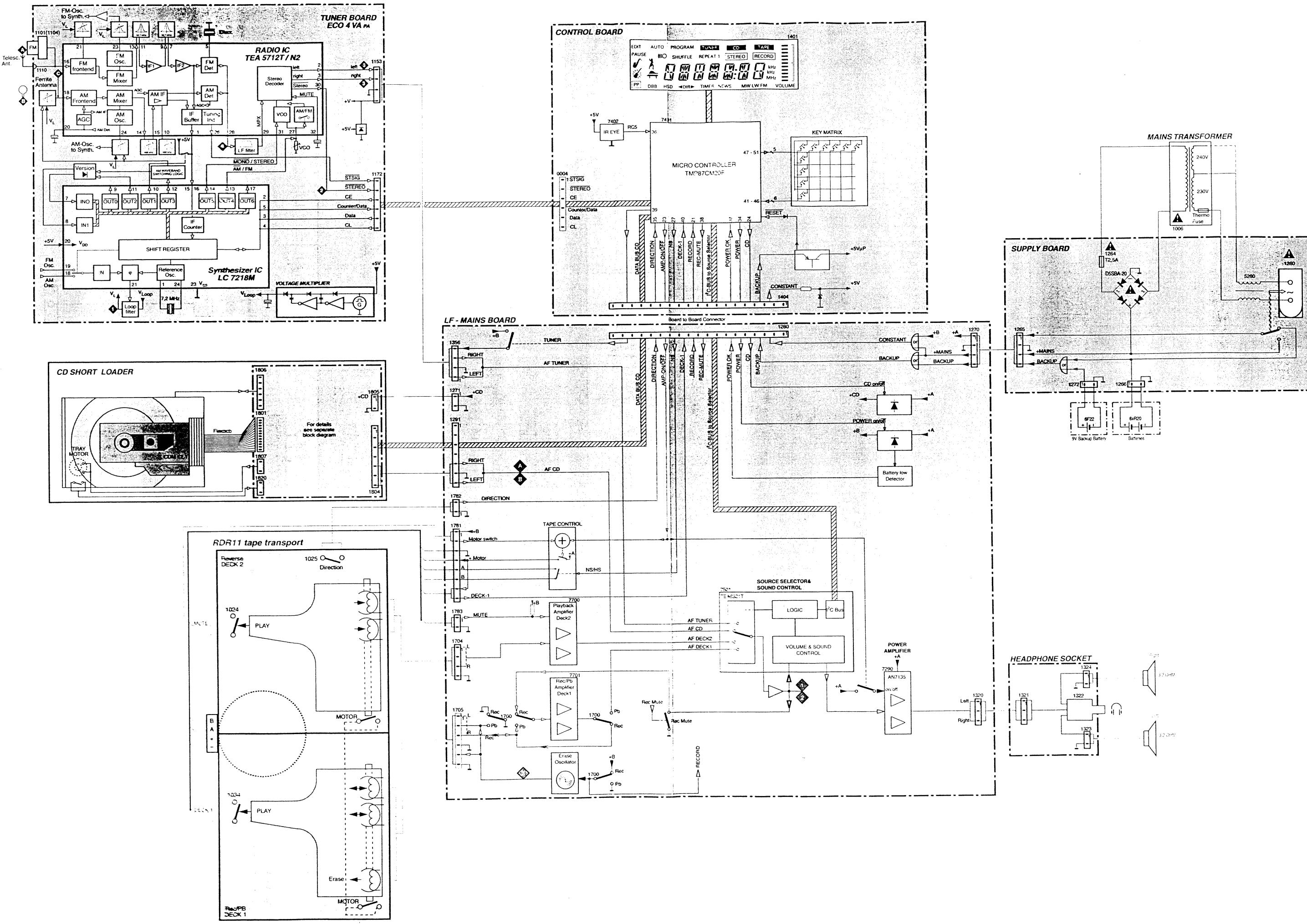
| PIN | COM 1 | COM 2 | COM 3 | COM 4 |
|-----|--------|-------|---------|---------|
| 1 | COM1 | - | - | - |
| 2 | - | COM2 | - | - |
| 3 | - | - | COM3 | - |
| 4 | VOLUME | - | - | - |
| 5 | X11 | X10 | X9 | X1 |
| 6 | X7 | X6 | X5 | X8 |
| 7 | - | X3 | - | - |
| 8 | 0c | 0b | X2 | 0d |
| 9 | 0m | 0k | 0a | 0n |
| 10 | - | 0g | - | - |
| 11 | 0e | 0f | RECORD | MW 4kHz |
| 12 | 1c | 1b | REVERSE | 1d |
| 13 | 1m | - | 1a | 1n |
| 14 | X4 | 1g | 1j | 1p |
| 15 | 1e | 1f | 1h | LW 4kHz |
| 16 | * | * | 1 | FM 4kHz |
| 17 | 2c | 2b | STEREO | 2d |
| 18 | 2m | 2k | 2a | 2n |
| 19 | 2r | 2g | 2j | 2p |
| 20 | 2e | 2f | CD | NEWS |
| 21 | 3c | 3b | PAUSE | 3d |
| 22 | 3m | 3k | 3a | 3n |
| 23 | 3r | 3g | 3j | 3p |
| 24 | 3e | 3i | 3h | TIMER |
| 25 | 4c | 4b | REPEAT | 4d |
| 26 | 4m | 4k | 4a | 4n |
| 27 | 4r | 4g | 4j | 4p |
| 28 | 4e | 4i | PROGRAM | DIR |
| 29 | 5c | 5b | SHUFFLE | 5d |
| 30 | 5m | 5k | 5a | 5n |
| 31 | 5r | 5g | 5j | 5p |
| 32 | 5e | 5i | 5h | ◀ |
| 33 | 6c | 6b | 6k | 6d |
| 34 | - | 6g | AUTO | - |
| 35 | - | - | 6a | - |
| 36 | 6e | 6i | 6h | HSD |
| 37 | | | PAUSE | DBB |
| 38 | 6m | - | - | 6n |
| 39 | | - | EDIT | |
| 40 | - | - | COM3 | - |
| 41 | - | COM2 | - | - |
| 42 | COM1 | - | - | - |
| 43 | - | - | - | COM4 |



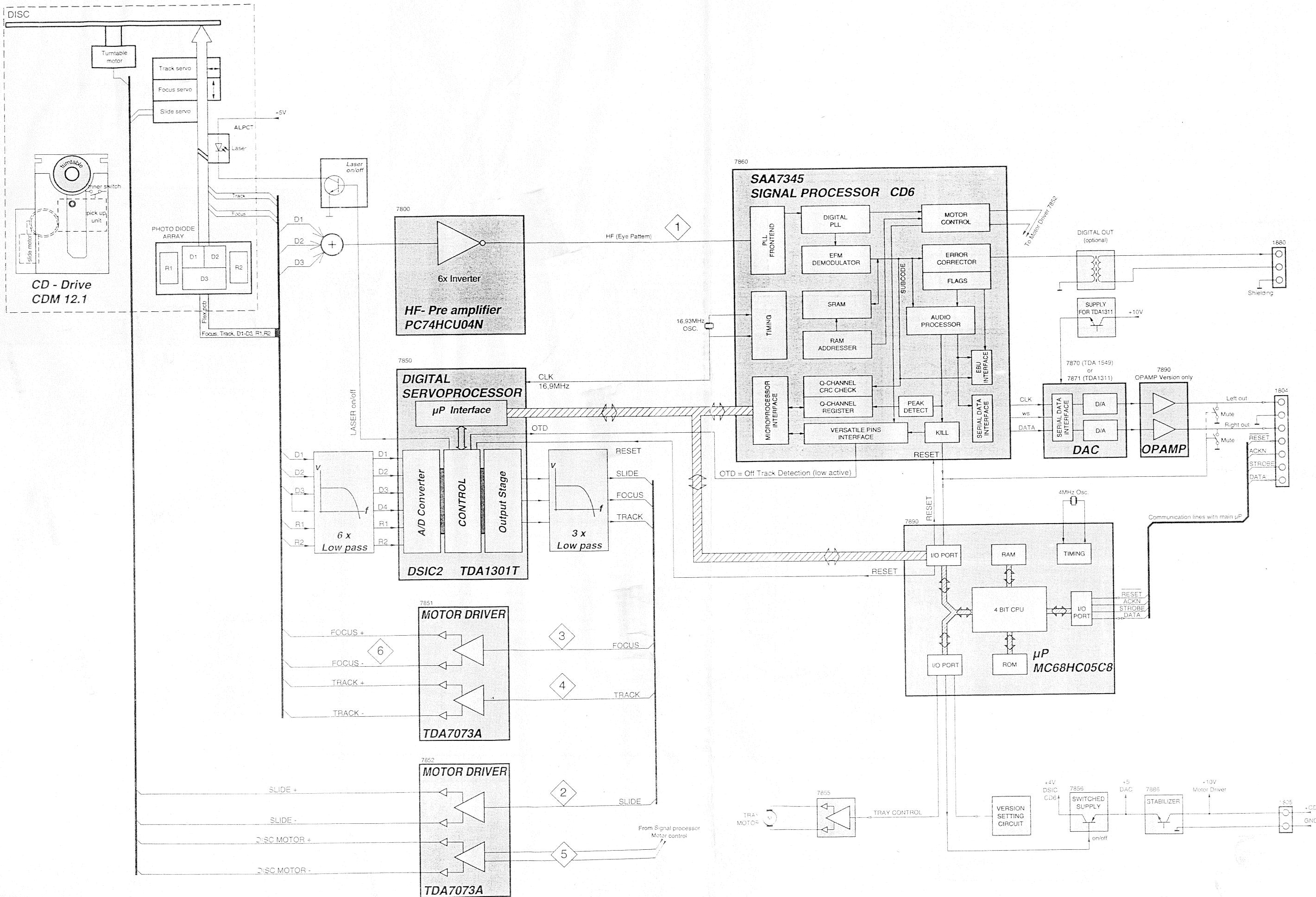
USE SERVICE TEST PROGRAM
QUARTZ TEST:
5.0785kHz (divided to 45kHz) and
5.0142 (divided to 3.9kHz).
No other frequencies can be
selected at this point.

...A DU voltages measured with mains supply in 110ER FM mode tuned to a strong Stereo transmitter

APPARATUS BLOCKDIAGRAM



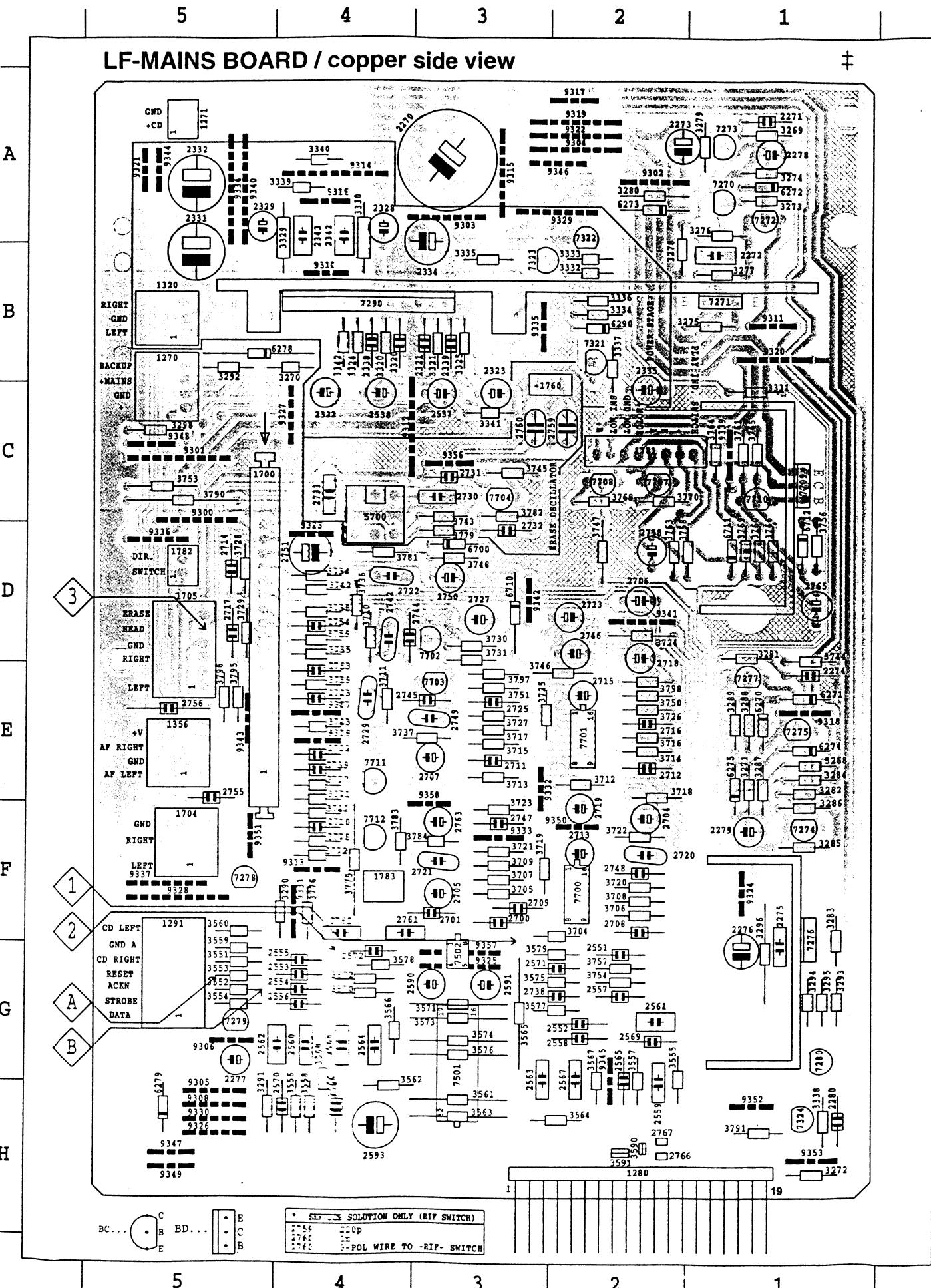
BLOCKDIAGRAM CD Module



DESCRIPTION OF CONTROL- AND DATA LINES

| to/from LF/Mains-board | | | |
|------------------------|--------------|-----------------------------|--|
| | SIGNAL NAME | SIGNAL FLOW | EXPLANATION |
| 0004 N | 7402 M 2 | | |
| 1401 A 3 | 7403 F 1 | | |
| 1404 G 1 | 7404 I 1 | | |
| 1405 H 1 | 7405 I 2 | | |
| 1406 J 13 | 7403 G 21 | | |
| 1407 J 13 | 7402 G 21 | | |
| 1408 J 13 | 7403 H 21 | | |
| 1409 J 17 | 7405 K 8 | | |
| 1410 J 15 | 7406 H 21 | | |
| 1411 J 18 | 7407 I 21 | | |
| 1412 J 13 | 7408 I 21 | | |
| 1413 J 19 | 7409 I 21 | | |
| 1414 J 18 | 7410 I 21 | | |
| 1415 J 17 | 7411 J 21 | | |
| 1416 J 15 | 7412 J 21 | | |
| 1417 J 17 | 7413 J 21 | | |
| 1418 J 18 | 7414 J 21 | | |
| 1419 J 19 | 7415 K 21 | | |
| 1420 J 15 | 7416 K 21 | | |
| 1421 J 17 | 7417 K 9 | | |
| 1422 J 15 | 7418 K 21 | | |
| 1423 K 14 | 7419 L 21 | | |
| 1424 K 13 | 7420 H 10 | | |
| 1425 K 19 | 7421 H 10 | | |
| 1426 K 16 | 7422 I 10 | | |
| 1427 K 17 | 7423 I 10 | | |
| 1428 J 15 | 7424 I 10 | | |
| 1429 K 14 | 7425 I 10 | | |
| 1430 K 13 | 7426 I 10 | | |
| 1431 K 19 | 7427 J 10 | | |
| 1432 K 16 | 7428 J 10 | | |
| 1433 K 17 | 7429 J 10 | | |
| 2401 G 5 | 7430 J 10 | | |
| 2401 G 3 | 7431 M 6 | | |
| 2402 G 5 | 7432 M 7 | | |
| 2403 M 2 | 7433 M 7 | | |
| 2404 G 1 | 7434 M 7 | | |
| 2405 H 4 | 7435 M 7 | | |
| 2406 G 3 | 7436 M 8 | | |
| 2407 K 8 | 7437 H 4 | | |
| 2408 H 5 | 7438 F 3 | | |
| 2410 M 8 | 7439 M 3 | | |
| 2411 L 3 | 7440 L 1 | | |
| 2412 L 8 | | | |
| 2413 M 6 | | | |
| 2415 L 10 | | | |
| 2416 I 20 | | | |
| 2417 L 20 | | | |
| 3401 F 5 | | | |
| 3402 F 6 | | | |
| 3403 F 5 | | | |
| 3404 F 6 | | | |
| 3405 F 5 | | | |
| 3406 G 6 | | | |
| 3407 G 5 | | | |
| 3408 K 6 | | | |
| 3409 M 2 | | | |
| 3410 M 3 | | | |
| 3411 M 4 | | | |
| 3412 I 5 | | | |
| 3413 I 6 | | | |
| 3414 I 5 | | | |
| 3415 I 6 | | | |
| 3416 I 5 | | | |
| 3417 J 8 | | | |
| 3418 I 5 | | | |
| 3419 I 6 | | | |
| 3420 I 5 | | | |
| 3421 I 2 | | | |
| 3422 K 10 | DECK-1 | tape transp. deck 1 → μP | Indicates that deck 1 is in PLAY position. |
| 3424 I 2 | DIRECTION | tape transp. deck 2 → μP | Indicates the actual direction of the reverse deck 2. |
| 3425 H 3 | NS | μP → tape control | Switches the motor speed. High level = normal speed |
| 3426 I 3 | | | |
| 3427 L 5 | | | |
| 3428 L 5 | | | |
| 3430 K 6 | | | |
| 3431 K 7 | | | |
| 3432 K 7 | | | |
| 3433 K 7 | | | |
| 3435 K 7 | | | |
| 3436 K 8 | | | |
| 3437 L 8 | | | |
| 3438 K 8 | | | |
| 3439 L 9 | | | |
| 3440 K 9 | | | |
| 3441 K 9 | | | |
| 3442 K 9 | | | |
| 3443 L 9 | | | |
| 3444 M 13 | POWER | μP → stabilizing circuit +B | High level switches stabilizing circuit +B and consequently the set on. |
| 3445 M 14 | | | |
| 3446 M 15 | | | |
| 3447 M 16 | | | |
| 3448 M 17 | | | |
| 3449 M 18 | | | |
| 3450 H 2 | | | |
| 3451 G 12 | POWER-OK | battery low detector → μP | Indicates if power supply voltage +A is high enough to enable proper working of stabilizing circuit +B. In case of exhausted batteries this control line is switched to low level. The μP recognizes this and switches the set to STANDBY. |
| 3452 H 12 | | | |
| 3453 G 12 | | | |
| 3454 H 12 | | | |
| 3455 H 11 | | | |
| 3456 G 10 | | | |
| 3457 G 11 | RECORD | Rec/Pb-switch → μP | High level indicates that recorder electronic is switched to REC mode. |
| 3458 G 10 | | | |
| 3459 G 11 | | | |
| 3460 G 10 | | | |
| 3461 F 11 | | | |
| 3462 F 10 | REC-MUTE | μP → recorder electronic | High level mutes the signal to be recorded until 8ms after the REC mode was indicated to the μP. This in order to avoid "howling" while the motor accelerates to nominal speed. |
| 3463 F 11 | | | |
| 3464 F 10 | | | |
| 3465 F 11 | | | |
| 3466 E 9 | | | |
| 3467 E 9 | | | |
| 3468 E 9 | | | |
| 3469 E 9 | | | |
| 3470 E 9 | | | |
| 3471 E 8 | | | |
| 3472 E 8 | | | |
| 3473 E 8 | | | |
| 3474 E 8 | | | |
| 3475 E 8 | | | |
| 3476 E 7 | | | |
| 3477 E 7 | | | |
| 3478 E 7 | | | |
| 3479 E 7 | | | |
| 3480 E 7 | | | |
| 3481 E 6 | TUNER | μP → tuner supply | High level switches the tuner supply and consequently the tuner on. |
| 3482 G 6 | | | |
| 3483 H 18 | | | |
| 3484 K 5 | | | |
| 3485 G 1 | | | |
| 3486 G 1 | | | |
| 3487 H 10 | SDA, SCL | μP ↔ source selector IC | I ² C bus interface. |
| 3488 K 5 | | | |
| 3489 H 12 | | | |
| 3490 J 12 | | | |
| 3491 J 12 | | | |
| 3492 H 10 | CE | μP → synthesizer IC | Chip enable for dataline |
| 3493 K 12 | CLK | μP → synthesizer IC | Clock-frequency for data transfer. |
| 3494 H 10 | | | |
| 3495 H 10 | COUNTER/DATA | synthesizer IC → μP | Data line synthesizer IC to μP. |
| 3496 J 10 | | | |
| 3497 J 10 | DATA | μP → synthesizer IC | Data line μP to synthesizer IC. |
| 3498 J 10 | | | |
| 3499 J 10 | STEREO | radio IC → μP | Low level indicates a stereo transmitter. |
| 3500 L 6 | | | |
| 3691 L 7 | | | |
| 3692 L 7 | | | |
| 3693 L 7 | | | |
| 3694 L 7 | | | |
| 3695 L 8 | STSIG | radio IC → μP | Low level indicates a strong transmitter found (STop SIGnal) during search mode. |
| 5401 G 5 | | | |
| 5402 H 6 | | | |
| 5403 K 6 | | | |
| 6403 H 3 | | | |
| 6404 G 3 | | | |
| 6405 H 3 | | | |
| 7401 F 7 | | | |

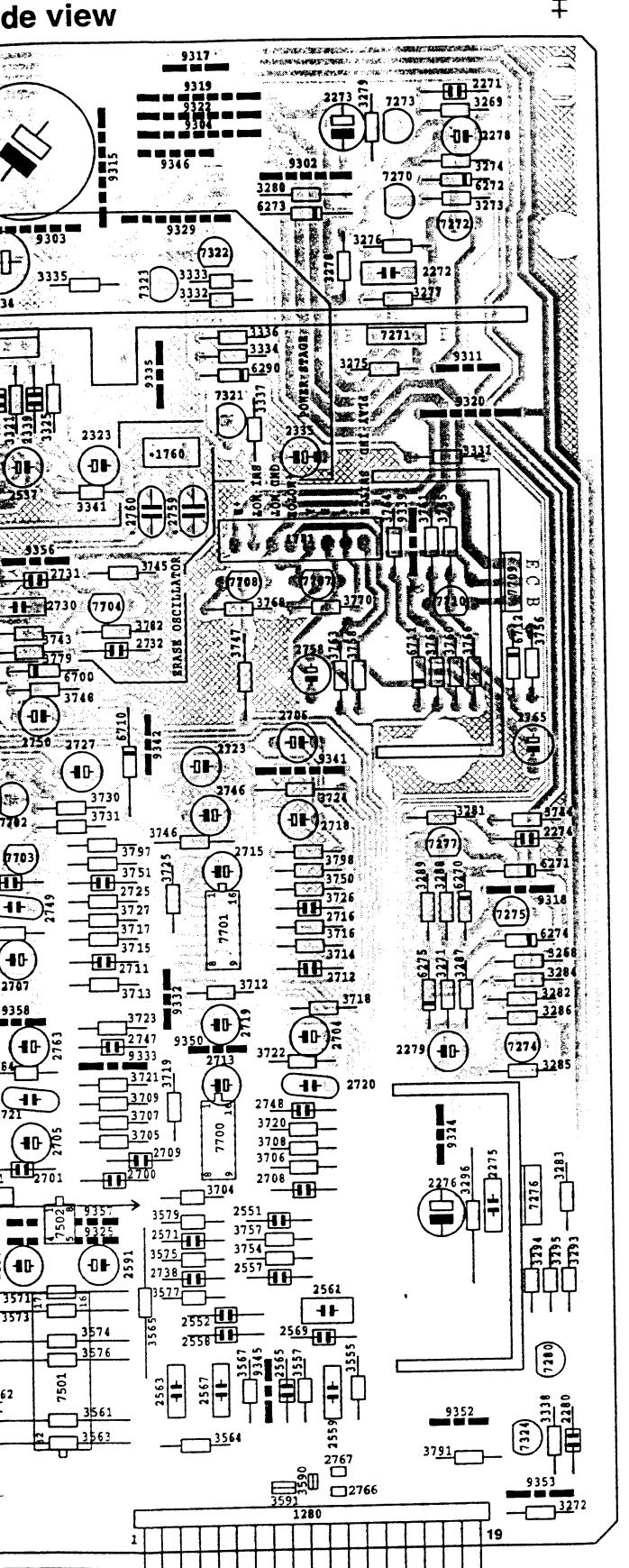
LF - MAINS BOARD / layout stage .5



3

2

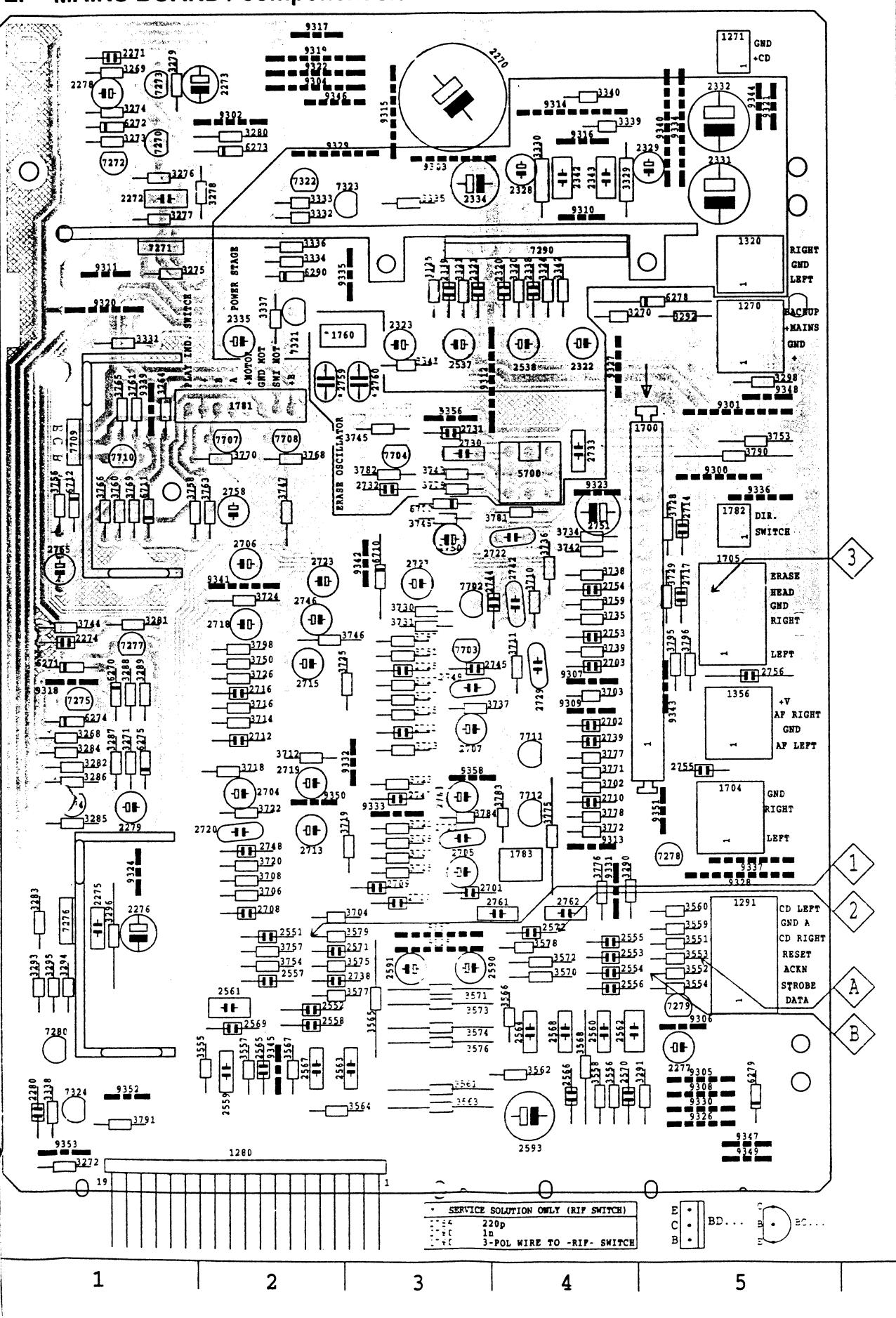
1



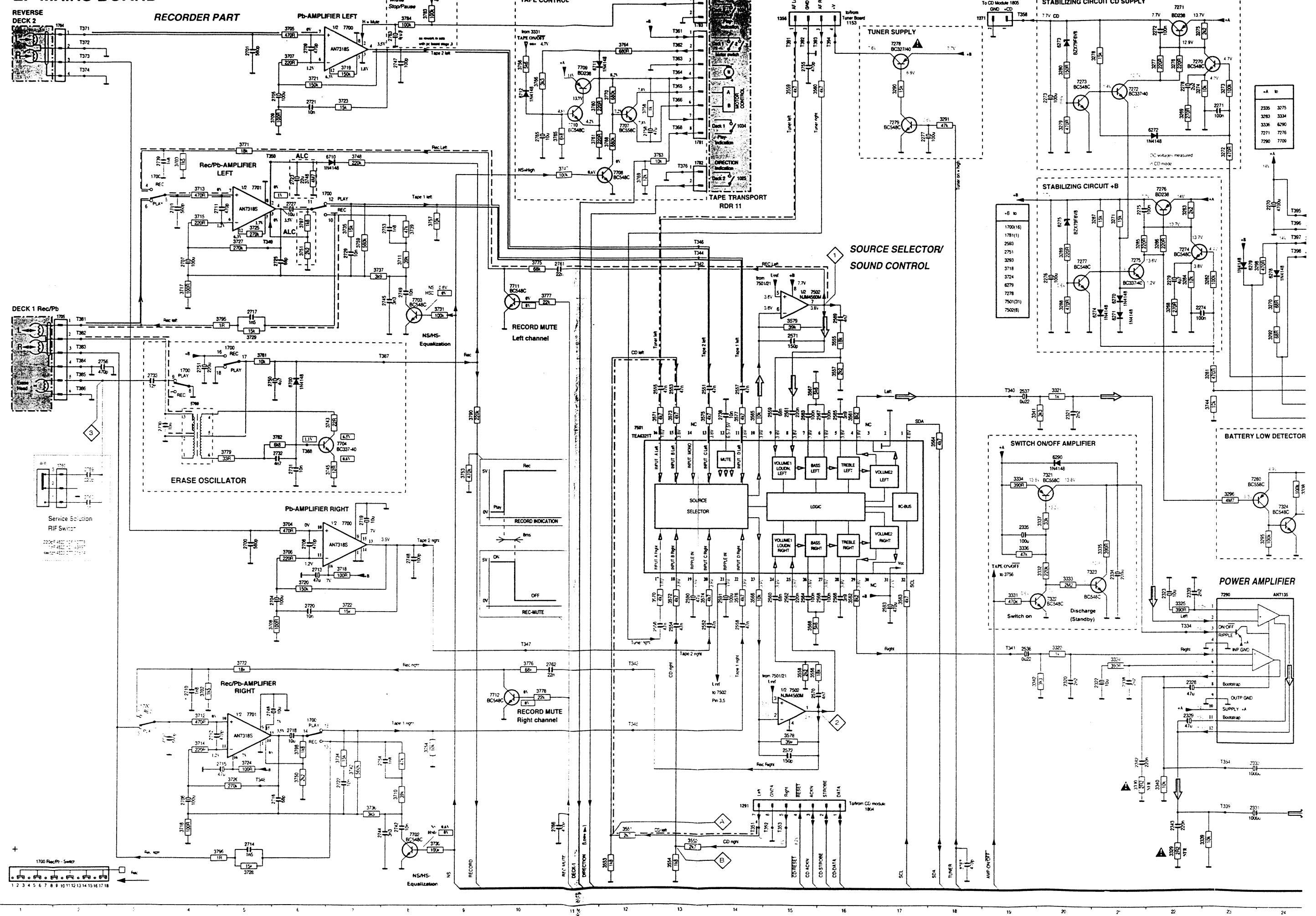
2766 H 2 2721 A 5 2738 G 2 3578 G 4 7275 F 1
 2767 H 2 2721 B 5 2739 E 4 3579 G 2 7276 F 1
 3590 H 2 2742 D 4 3702 F 4 7277 E 1
 3591 H 2 2744 D 4 3703 E 4 7278 F 5
 7501 G 3 2745 B 3 3704 F 2 7279 G 5
 7502 G 3 2746 D 2 3705 F 3 7280 G 1
 7700 F 2 2747 F 3 3706 F 2 7290 B 4
 7701 E 2 2748 F 2 3707 F 3 7321 B 2
 2750 D 5 2749 E 3 3708 F 2 7322 A 2
 1270 C 3 2750 D 3 3709 F 3 7323 B 3
 1271 C 2 2751 D 4 3710 D 4 7324 H 1
 1272 D 5 2753 E 4 3711 E 4 7702 D 3
 1273 F 4 2754 D 4 3712 E 2 7703 E 3
 2270 A 3 2755 B 5 3713 E 3 7704 C 3
 2271 A 1 2756 E 5 3714 E 2 7707 C 2
 2272 B 1 2758 D 2 3715 E 3 7708 C 2
 2273 A 2 2759 C 2 3716 E 2 7709 C 1
 2274 E 1 2760 C 3 3717 E 3 7710 C 1
 2275 G 1 2761 F 4 3718 E 2 7711 E 4
 2276 G 1 2762 F 4 3719 F 3 7712 F 4
 2277 G 5 2763 F 3 3720 F 2 9300 C 5
 2278 A 1 2765 D 1 3721 F 3 9301 C 5
 2279 F 1 3268 B 1 3722 F 2 9302 A 2
 2280 H 1 3269 A 1 3723 F 3 9303 A 3
 2320 B 4 3270 B 4 3724 D 2 9304 A 2
 2321 B 3 3271 B 1 3725 B 3 9305 H 5
 2322 C 4 3272 B 1 3726 E 2 9306 G 5
 2323 C 3 3273 A 1 3727 E 3 9307 E 4
 2328 A 4 3274 A 1 3728 D 5 9308 H 5
 2329 A 5 3275 B 1 3729 D 5 9309 E 4
 2331 B 5 3276 A 1 3730 D 3 9310 B 4
 2332 A 5 3277 B 1 3731 D 3 9311 B 1
 2334 A 3 3278 B 2 3734 D 4 9312 C 4
 2335 C 2 3279 A 1 3735 D 4 9313 F 4
 2338 B 4 3280 A 2 3736 D 4 9314 A 4
 2339 B 3 3281 D 1 3737 E 3 9315 A 3
 2340 H 4 3282 B 1 3738 D 4 9316 A 4
 2341 H 4 3283 F 1 3739 E 4 9317 A 2
 2342 A 4 3284 E 1 3742 D 4 9318 A 1
 2343 A 4 3285 F 1 3743 C 3 9319 A 2
 2537 C 3 3286 F 1 3744 D 1 9320 B 1
 2538 C 4 3287 E 1 3745 C 3 9321 A 5
 2551 G 2 3288 B 1 3746 E 2 9322 A 2
 2552 G 2 3289 E 1 3747 D 2 9323 D 4
 2553 G 4 3290 F 4 3748 D 3 9324 F 1
 2554 G 4 3291 H 5 3750 B 2 9325 G 3
 2555 G 4 3292 B 5 3751 E 3 9326 H 5
 2556 G 4 3293 G 1 3753 C 5 9327 C 4
 2557 G 2 3294 G 1 3754 G 2 9328 F 5
 2558 G 2 3295 G 1 3755 D 1 9329 A 2
 2559 G 2 3296 G 1 3757 G 2 9330 H 5
 2560 G 4 3298 C 5 3758 D 1 9331 F 4
 2561 G 2 3320 B 4 3759 D 4 9332 B 3
 2562 G 4 3321 B 3 3760 D 1 9333 F 3
 2563 G 3 3324 B 4 3761 C 1 9334 A 5
 2564 G 4 3325 C 2 3763 D 2 9335 B 3
 2565 G 2 3326 H 5 3764 E 1 9336 D 5
 2566 H 4 3327 H 5 3765 C 1 9337 F 5
 2567 G 2 3329 A 4 3766 D 1 9339 C 1
 2568 G 4 3330 A 4 3768 C 2 9340 A 3
 2569 G 2 3331 C 1 3769 D 1 9341 D 2
 2570 H 4 3332 B 2 3770 C 2 9342 D 3
 2571 G 2 3333 B 2 3771 E 4 9343 E 5
 2572 G 4 3334 B 2 3772 F 4 9344 A 5
 2590 G 3 3335 B 3 3775 F 4 9345 G 2
 2591 G 3 3336 B 2 3776 F 4 9346 A 2
 2593 H 4 3337 B 2 3777 E 4 9347 H 5
 2700 F 3 3338 H 1 3778 F 4 9348 C 5
 2701 F 3 3339 A 4 3779 D 3 9349 E 5
 2702 F 4 3340 A 4 3781 D 4 9350 F 2
 2703 E 4 3341 C 3 3782 C 3 9351 F 5
 2704 F 2 3342 B 4 3783 F 4 9352 H 1
 2705 F 3 3551 G 5 3784 F 3 9353 H 1
 2706 D 2 3552 G 5 3790 C 5 9356 C 3
 2707 E 3 3553 G 5 3791 H 1 9357 G 3
 2708 F 2 3554 G 5 3795 E 5 9358 F 3
 2709 F 3 3555 G 2 3796 E 5 9359 G 2
 2710 F 4 3556 H 4 3797 E 3 9360 H 2
 2711 E 3 3557 G 2 3798 E 2 9361 F 2
 2712 E 2 3558 H 4 5700 C 4 9362 G 2
 2713 F 2 3559 G 5 6270 E 1 9363 H 1
 2714 D 5 3560 F 5 6271 E 1 9364 F 1
 2715 E 2 3561 H 3 6272 A 1 9365 G 1
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 2718 D 2 3564 H 2 6275 E 1 9368 F 1
 2719 F 2 3565 G 3 6278 B 5 9369 G 1
 2720 F 2 3566 G 4 6279 H 5 9370 F 1
 2721 F 3 3567 G 2 6290 B 2 9371 E 1
 2722 D 4 3568 G 4 6700 D 3 9372 F 1
 2723 D 2 3570 G 4 6710 D 3 9373 E 1
 2725 E 3 3571 G 3 6711 D 1 9374 F 1
 2727 D 3 3572 G 4 6712 D 1 9375 E 1
 2729 E 4 3573 G 3 7270 A 1 9376 F 1
 2730 C 3 3574 G 3 7271 B 1 9377 E 1
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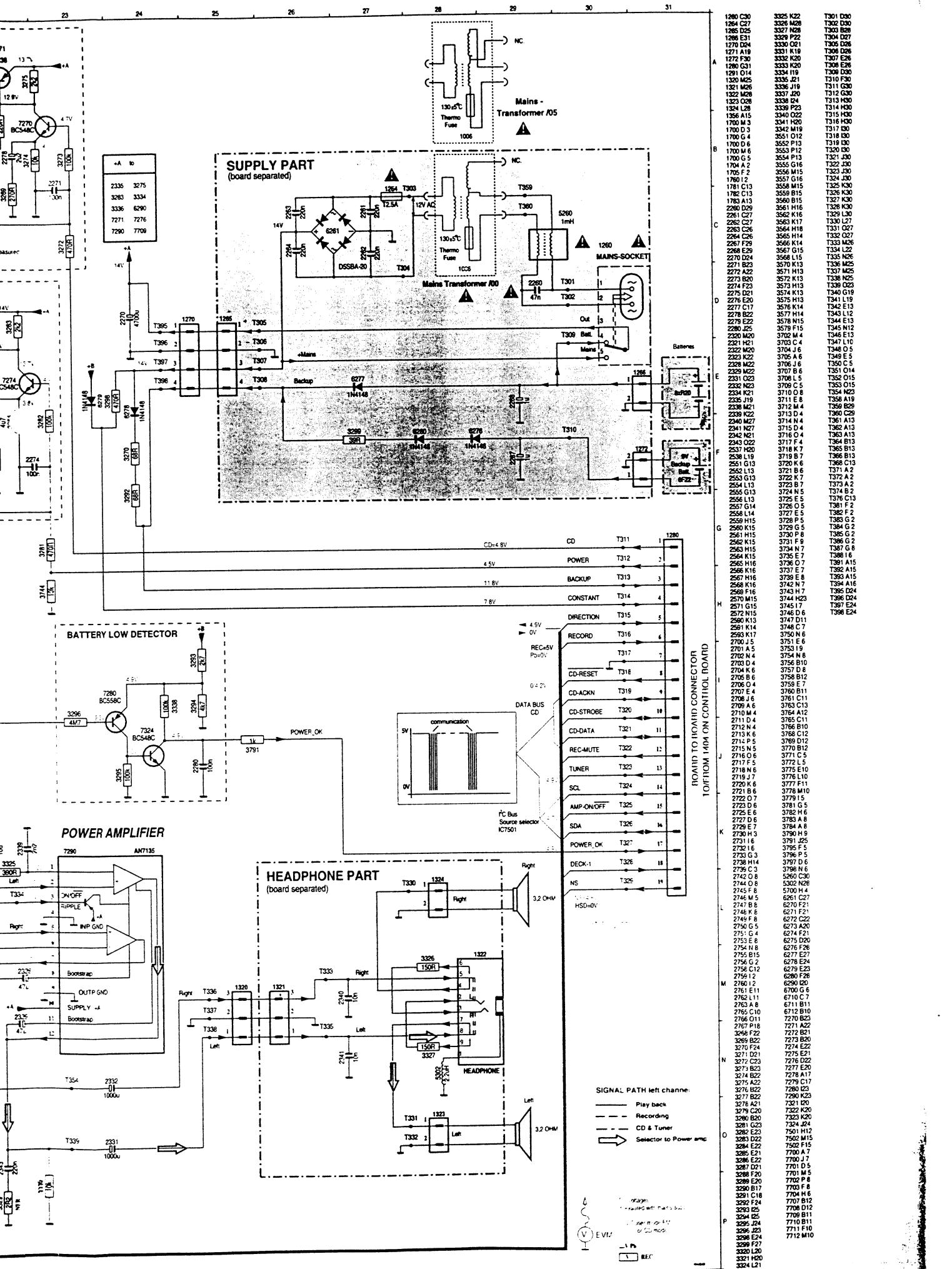
1 2 3 4 5

LF - MAINS BOARD / component side view



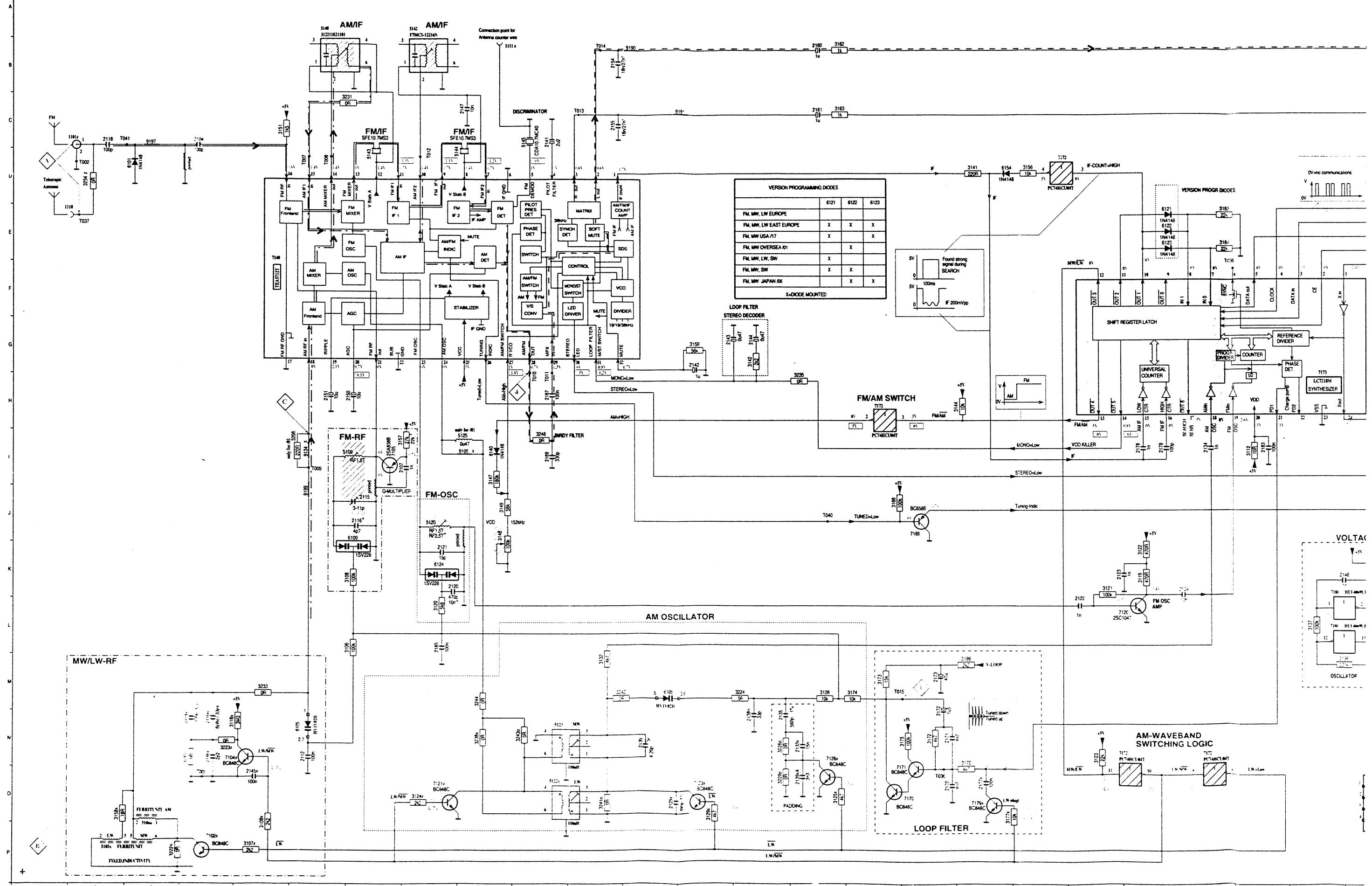
LF-MAINS BOARD

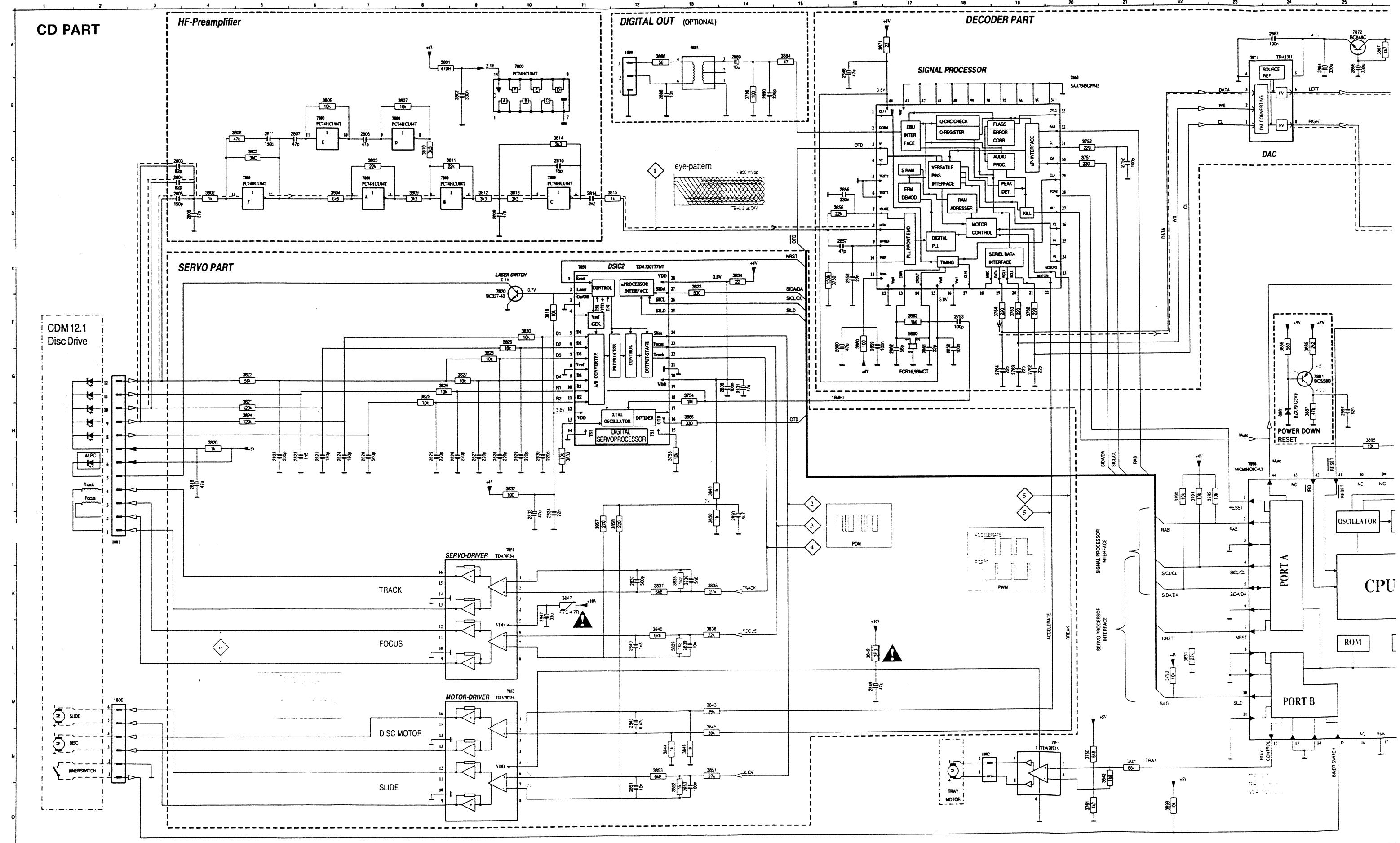


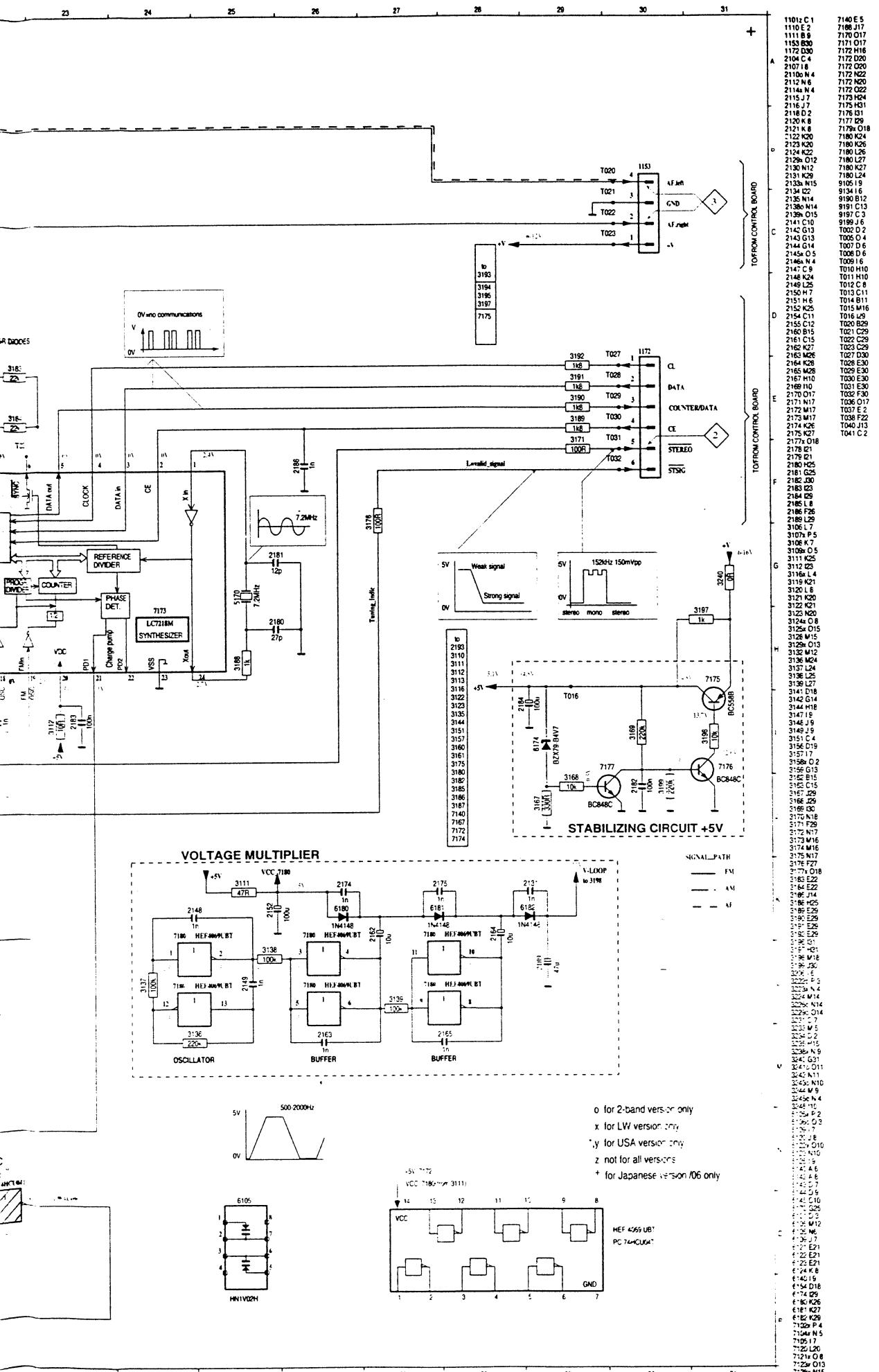


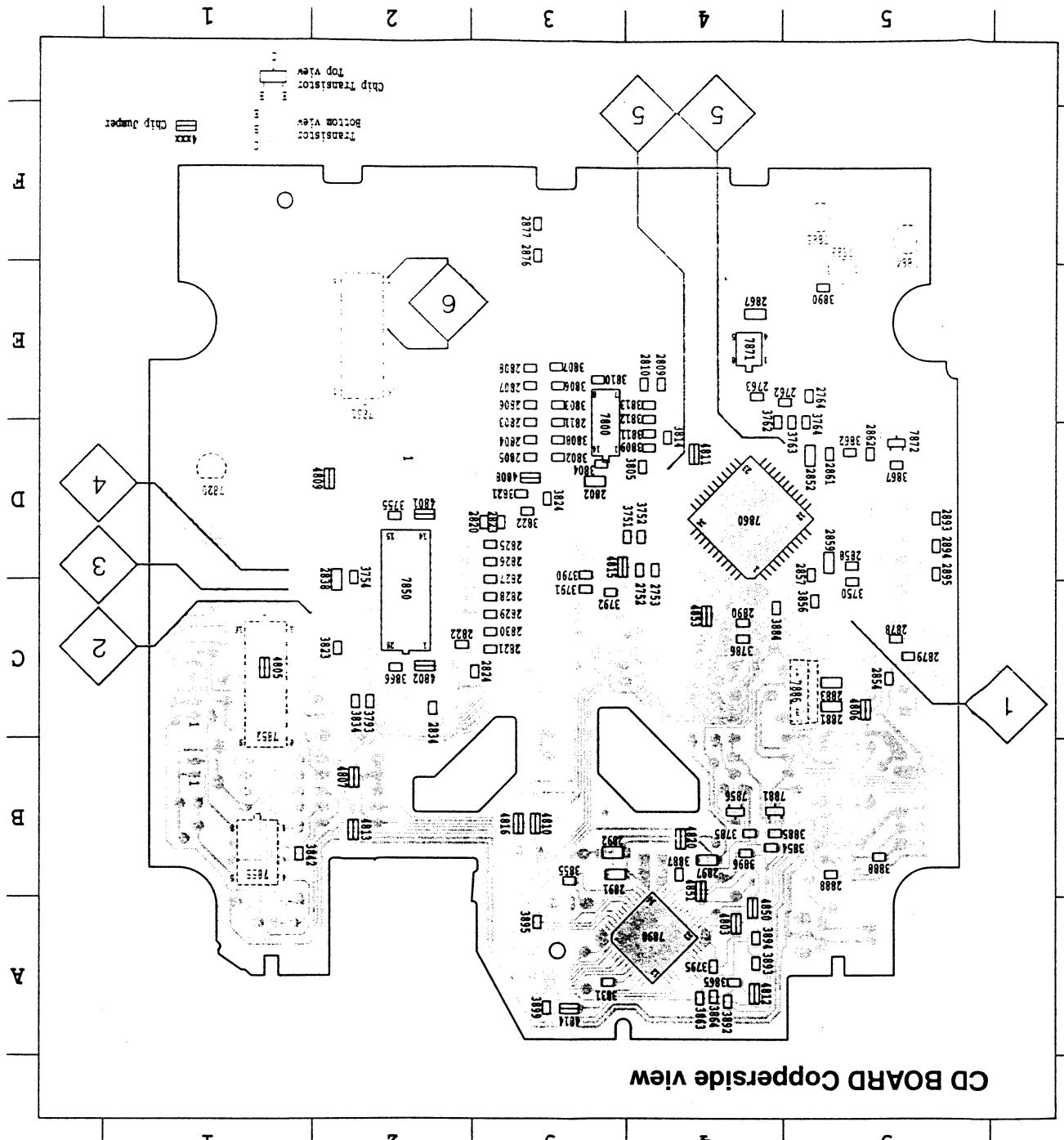
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| 1280 C9 | T301 D30 |
| 1284 C10 | T302 D30 |
| 1285 D9 | T303 D30 |
| 1286 E1 | T304 D27 |
| 1287 D4 | T305 D26 |
| 1271 F30 | T306 D26 |
| 1280 G1 | T307 D26 |
| 1280 M2 | T308 D26 |
| 1291 O14 | T309 D19 |
| 1320 M23 | T310 D19 |
| 1322 M28 | T311 D30 |
| 1323 C28 | T312 D30 |
| 1324 L28 | T313 D30 |
| 1325 D22 | T314 D30 |
| 1700 M3 | T315 D30 |
| 1700 D3 | T316 D30 |
| 1700 G4 | T317 D30 |
| 1700 M6 | T318 D30 |
| 1700 G5 | T319 D30 |
| 1704 A2 | T320 D30 |
| 1704 C2 | T321 D30 |
| 1705 D2 | T322 D30 |
| 1706 D2 | T323 D30 |
| 1781 C13 | T324 D30 |
| 1782 C13 | T325 D30 |
| 1783 C13 | T326 D30 |
| 2262 D29 | T327 D30 |
| 2261 C27 | T328 D30 |
| 2262 C27 | T329 L20 |
| 2263 C26 | T330 L20 |
| 2264 H14 | T331 D27 |
| 2265 E29 | T332 D27 |
| 2266 G15 | T333 M26 |
| 2270 M4 | T334 L22 |
| 2271 B3 | T335 M26 |
| 2272 A22 | T337 M25 |
| 2273 B22 | T338 N25 |
| 2274 F23 | T339 N25 |
| 2275 C19 | T341 G19 |
| 2276 E20 | T341 H13 |
| 2277 C17 | T342 E13 |
| 2278 B22 | T344 E13 |
| 2279 C15 | T345 N12 |
| 2280 D25 | T346 E13 |
| 2281 H21 | T347 L10 |
| 2282 D23 | T348 E5 |
| 2283 M22 | T349 C5 |
| 2284 M22 | T350 C5 |
| 2285 M23 | T351 O14 |
| 2286 M23 | T352 O15 |
| 2287 M23 | T353 O15 |
| 2288 M23 | T354 N23 |
| 2289 J19 | T355 E19 |
| 2290 J19 | T356 E19 |
| 2291 D4 | T357 E19 |
| 2292 D4 | T358 E19 |
| 2293 M27 | T359 E13 |
| 2311 H21 | T360 M4 |
| 2321 K23 | T361 L10 |
| 2322 K23 | T362 A13 |
| 2323 M22 | T363 O13 |
| 2324 M22 | T364 B13 |
| 2325 H20 | T365 B13 |
| 2326 H13 | T366 B13 |
| 2511 G13 | T367 B6 |
| 2512 H13 | T368 G2 |
| 2513 G13 | T369 G2 |
| 2514 G13 | T370 G16 |
| 2515 H13 | T371 A2 |
| 2516 H13 | T372 A2 |
| 2517 H13 | T373 A2 |
| 2518 H13 | T374 B2 |
| 2519 H13 | T375 C2 |
| 2520 H13 | T376 D2 |
| 2521 G14 | T377 E2 |
| 2522 H14 | T378 F2 |
| 2523 H15 | T379 G2 |
| 2524 H15 | T380 H2 |
| 2525 H15 | T381 I2 |
| 2526 H15 | T382 J2 |
| 2527 H15 | T383 K2 |
| 2528 H15 | T384 L2 |
| 2529 H15 | T385 M2 |
| 2530 H15 | T386 G2 |
| 2531 H15 | T387 G8 |
| 2532 H15 | T388 H16 |
| 2533 H15 | T389 O7 |
| 2534 H15 | T390 A15 |
| 2535 H16 | T391 E7 |
| 2536 H16 | T392 A15 |
| 2537 H16 | T393 A15 |
| 2538 H16 | T394 H16 |
| 2539 H16 | T395 D24 |
| 2540 H15 | T396 D24 |
| 2541 H15 | T397 E24 |
| 2542 H15 | T398 E24 |
| 2543 H15 | T399 F2 |
| 2544 H15 | T400 G2 |
| 2545 H15 | T401 H2 |
| 2546 H15 | T402 I2 |
| 2547 H15 | T403 J2 |
| 2548 H15 | T404 K2 |
| 2549 H15 | T405 L2 |
| 2550 H15 | T406 M2 |
| 2551 H15 | T407 N2 |
| 2552 H15 | T408 O2 |
| 2553 H15 | T409 P2 |
| 2554 H15 | T410 Q2 |
| 2555 H15 | T411 R2 |
| 2556 H15 | T412 S2 |
| 2557 H15 | T413 T2 |
| 2558 H15 | T414 U2 |
| 2559 H15 | T415 V2 |
| 2560 H15 | T416 W2 |
| 2561 H15 | T417 X2 |
| 2562 H15 | T418 Y2 |
| 2563 H15 | T419 Z2 |
| 2564 H15 | T420 A2 |
| 2565 H15 | T421 B2 |
| 2566 H15 | T422 C2 |
| 2567 H15 | T423 D2 |
| 2568 H15 | T424 E2 |
| 2569 H15 | T425 F2 |
| 2570 H15 | T426 G2 |
| 2571 H15 | T427 H2 |
| 2572 H15 | T428 I2 |
| 2573 H15 | T429 J2 |
| 2574 H15 | T430 K2 |
| 2575 H15 | T431 L2 |
| 2576 H15 | T432 M2 |
| 2577 H15 | T433 N2 |
| 2578 H15 | T434 O2 |
| 2579 H15 | T435 P2 |
| 2580 H15 | T436 Q2 |
| 2581 H15 | T437 R2 |
| 2582 H15 | T438 S2 |
| 2583 H15 | T439 T2 |
| 2584 H15 | T440 U2 |
| 2585 H15 | T441 V2 |
| 2586 H15 | T442 W2 |
| 2587 H15 | T443 X2 |
| 2588 H15 | T444 Y2 |
| 2589 H15 | T445 Z2 |
| 2590 H15 | T446 A2 |
| 2591 H15 | T447 B2 |
| 2592 H15 | T448 C2 |
| 2593 H15 | T449 D2 |
| 2594 H15 | T450 E2 |
| 2595 H15 | T451 F2 |
| 2596 H15 | T452 G2 |
| 2597 H15 | T453 H2 |
| 2598 H15 | T454 I2 |
| 2599 H15 | T455 J2 |
| 2600 H15 | T456 K2 |
| 2601 H15 | T457 L2 |
| 2602 H15 | T458 M2 |
| 2603 H15 | T459 N2 |
| 2604 H15 | T460 O2 |
| 2605 H15 | T461 P2 |
| 2606 H15 | T462 Q2 |
| 2607 H15 | T463 R2 |
| 2608 H15 | T464 S2 |
| 2609 H15 | T465 T2 |
| 2610 H14 | T466 U2 |
| 2611 H14 | T467 V2 |
| 2612 H14 | T468 W2 |
| 2613 H14 | T469 X2 |
| 2614 H14 | T470 Y2 |
| 2615 H14 | T471 Z2 |
| 2616 H14 | T472 A2 |
| 2617 H14 | T473 B2 |
| 2618 H14 | T474 C2 |
| 2619 H14 | T475 D2 |
| 2620 H14 | T476 E2 |
| 2621 H14 | T477 F2 |
| 2622 H14 | T478 G2 |
| 2623 H14 | T479 H2 |
| 2624 H14 | T480 I2 |
| 2625 H14 | T481 J2 |
| 2626 H14 | T482 K2 |
| 2627 H14 | T483 L2 |
| 2628 H14 | T484 M2 |
| 2629 H14 | T485 N2 |
| 2630 H14 | T486 O2 |
| 2631 H14 | T487 P2 |
| 2632 H14 | T488 Q2 |
| 2633 H14 | T489 R2 |
| 2634 H14 | T490 S2 |
| 2635 H14 | T491 T2 |
| 2636 H14 | T492 U2 |
| 2637 H14 | T493 V2 |
| 2638 H14 | T494 W2 |
| 2639 H14 | T495 X2 |
| 2640 H14 | T496 Y2 |
| 2641 H14 | T497 Z2 |
| 2642 H14 | T498 A2 |
| 2643 H14 | T499 B2 |
| 2644 H14 | T500 C2 |
| 2645 H14 | T501 D2 |
| 2646 H14 | T502 E2 |
| 2647 H14 | T503 F2 |
| 2648 H14 | T504 G2 |
| 2649 H14 | T505 H2 |
| 2650 H14 | T506 I2 |
| 2651 H14 | T507 J2 |
| 2652 H14 | T508 K2 |
| 2653 H14 | T509 L2 |
| 2654 H14 | T510 M2 |
| 2655 H14 | T511 N2 |
| 2656 H14 | T512 O2 |
| 2657 H14 | T513 P2 |
| 2658 H14 | T514 Q2 |
| 2659 H14 | T515 R2 |
| 2660 H14 | T516 S2 |
| 2661 H14 | T517 T2 |
| 2662 H14 | T518 U2 |
| 2663 H14 | T519 V2 |
| 2664 H14 | T520 W2 |
| 2665 H14 | T521 X2 |
| 2666 H14 | T522 Y2 |
| 2667 H14 | T523 Z2 |
| 2668 H14 | T524 A2 |
| 2669 H14 | T525 B2 |
| 2670 H14 | T526 C2 |
| 2671 H14 | T527 D2 |
| 2672 H14 | T528 E2 |
| 2673 H14 | T529 F2 |
| 2674 H14 | T530 G2 |
| 2675 H14 | T531 H2 |
| 2676 H14 | T532 I2 |
| 2677 H14 | T533 J2 |
| 2678 H14 | T534 K2 |
| 2679 H14 | T535 L2 |
| 2680 H14 | T536 M2 |
| 2681 H14 | T537 N2 |
| 2682 H14 | T538 O2 |
| 2683 H14 | T539 P2 |
| 2684 H14 | T540 Q2 |
| 2685 H14 | T541 R2 |
| 2686 H14 | T542 S2 |
| 2687 H14 | T543 T2 |
| 2688 H14 | T544 U2 |
| 2689 H14 | T545 V2 |
| 2690 H14 | T546 W2 |
| 2691 H14 | T547 X2 |
| 2692 H14 | T548 Y2 |
| 2693 H14 | T549 Z2 |
| 2694 H14 | T550 A2 |
| 2695 H14 | T551 B2 |
| 2696 H14 | T552 C2 |
| 2697 H14 | T553 D2 |
| 2698 H14 | T554 E2 |
| 2699 H14 | T555 F2 |
| 2700 H14 | T556 G2 |
| 2701 H14 | T557 H2 |
| 2702 H14 | T558 I2 |
| 2703 H14 | T559 J2 |
| 2704 H14 | T560 K2 |
| 2705 H14 | T561 L2 |
| 2706 H14 | T562 M2 |
| 2707 H14 | T563 N2 |
| 2708 H14 | T564 O2 |
| 2709 H14 | T565 P2 |
| 2710 H14 | T566 Q2 |
| 2711 H14 | T567 R2 |
| 2712 H14 | T568 S2 |
| 2713 H14 | T569 T2 |
| 2714 H14 | T570 U2 |
| 2715 H14 | T571 V2 |
| 2716 H14 | T572 W2 |

TUNER UNIT ECO4-VA (PA)

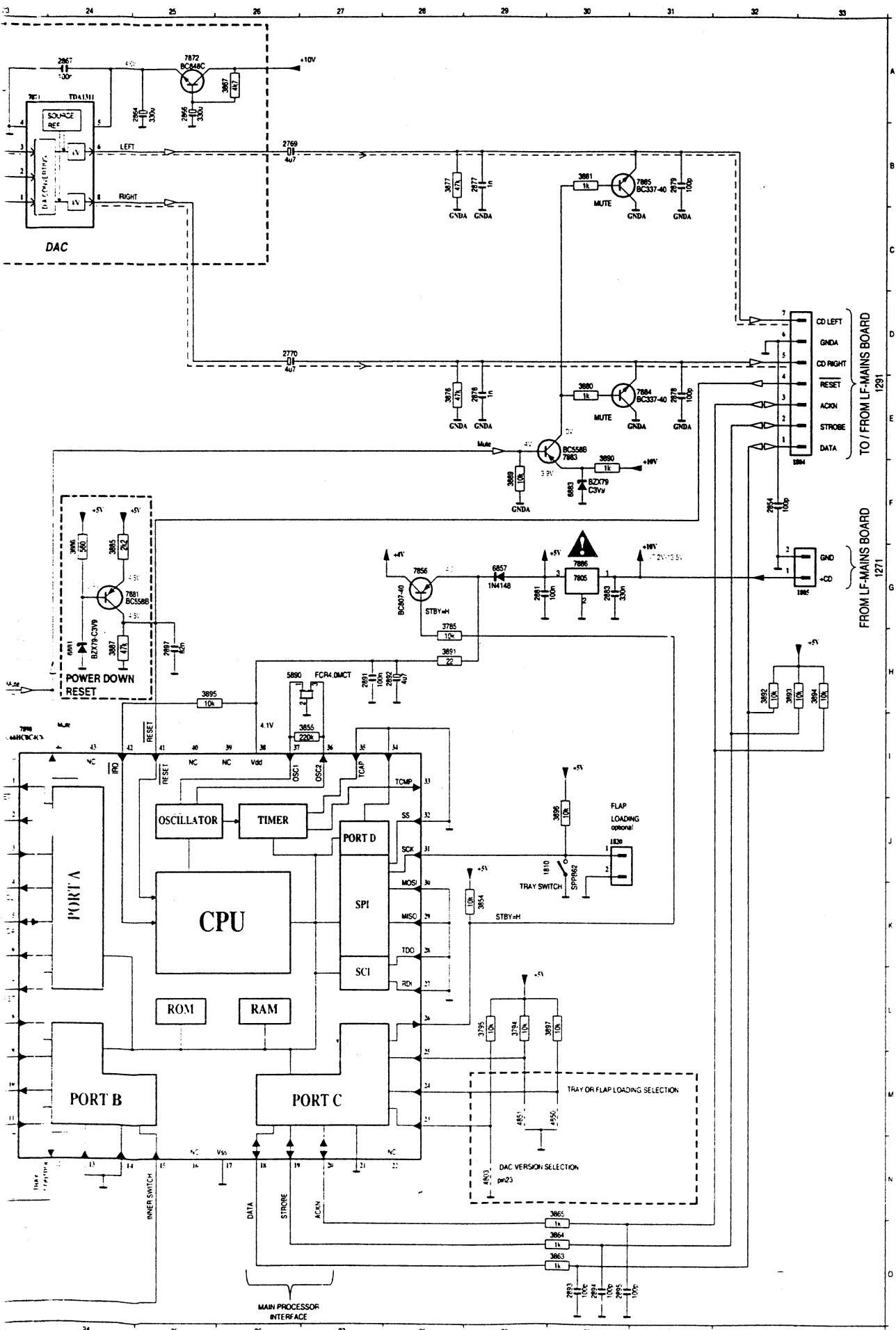






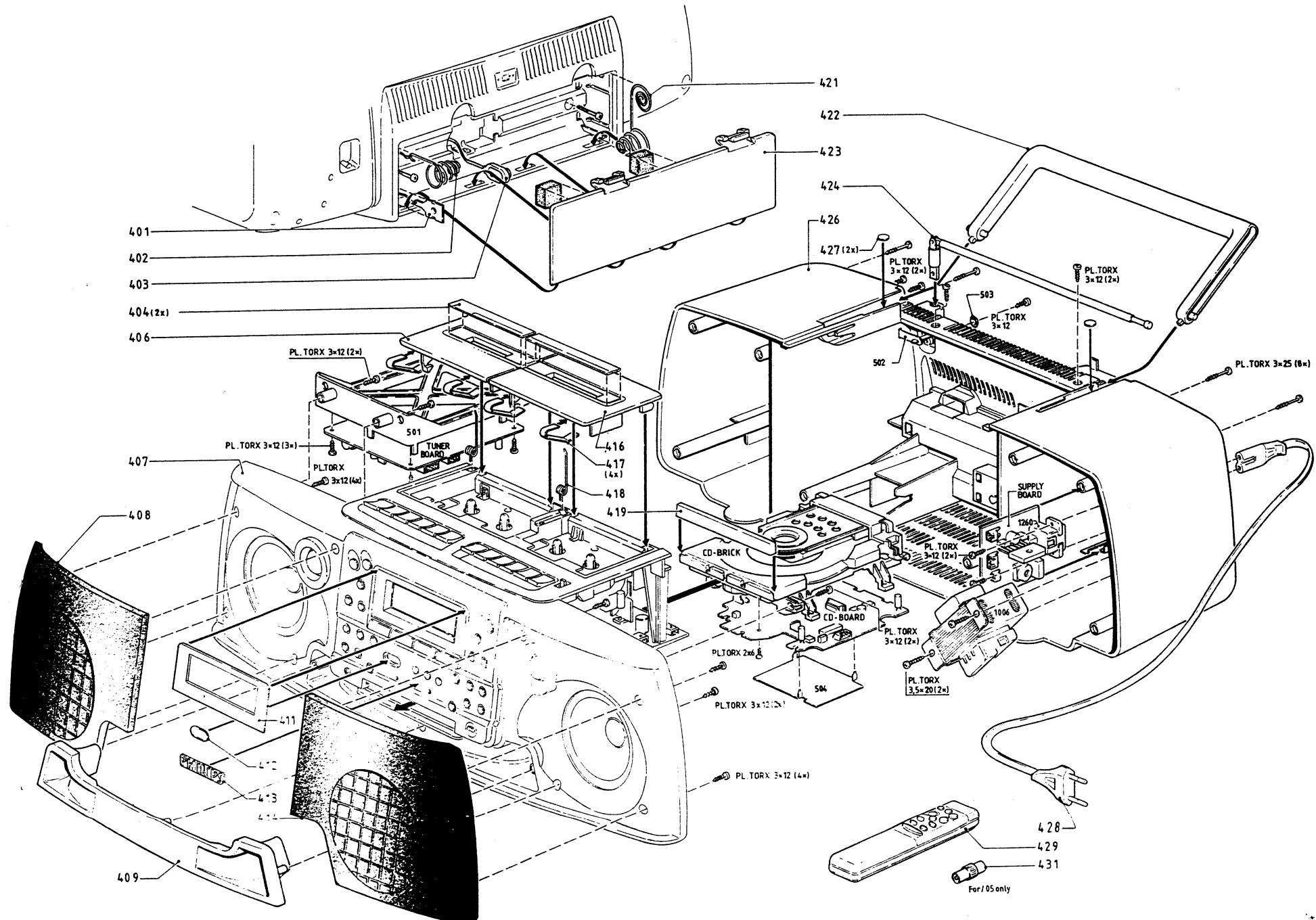


| | | | | | | | | | | | | | | | | | | |
|---|------|-----|------|-----|------|-----|------|-----|------|-----|------|----|------|----|------|----|------|-----|
| 0 | 3750 | E16 | 3755 | H13 | 3763 | F19 | 3785 | H28 | 3792 | I22 | 3801 | A8 | 3805 | C7 | 3809 | D8 | 3813 | D10 |
| 0 | 3751 | C20 | 3760 | N20 | 3764 | F19 | 3786 | B14 | 3793 | M22 | 3802 | D4 | 3806 | B6 | 3810 | C8 | 3814 | C11 |
| 0 | 3752 | C20 | 3761 | O20 | 3767 | A29 | 3790 | I22 | 3794 | L29 | 3803 | C5 | 3807 | B8 | 3811 | C9 | 3815 | D12 |
| 5 | 3754 | G13 | 3762 | F19 | 3770 | D29 | 3791 | I22 | 3795 | L29 | 3804 | D6 | 3808 | C5 | 3812 | D9 | 3818 | F10 |

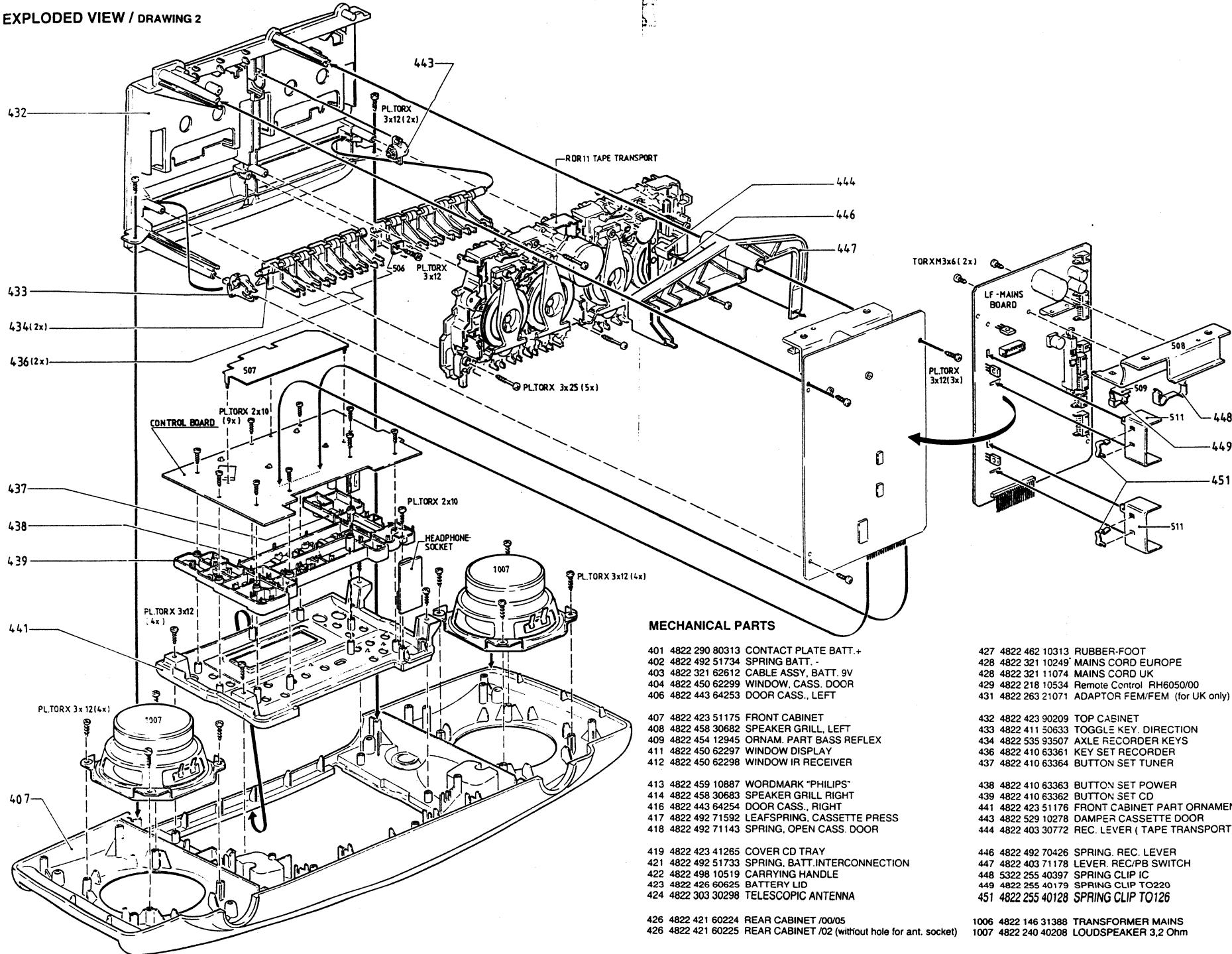


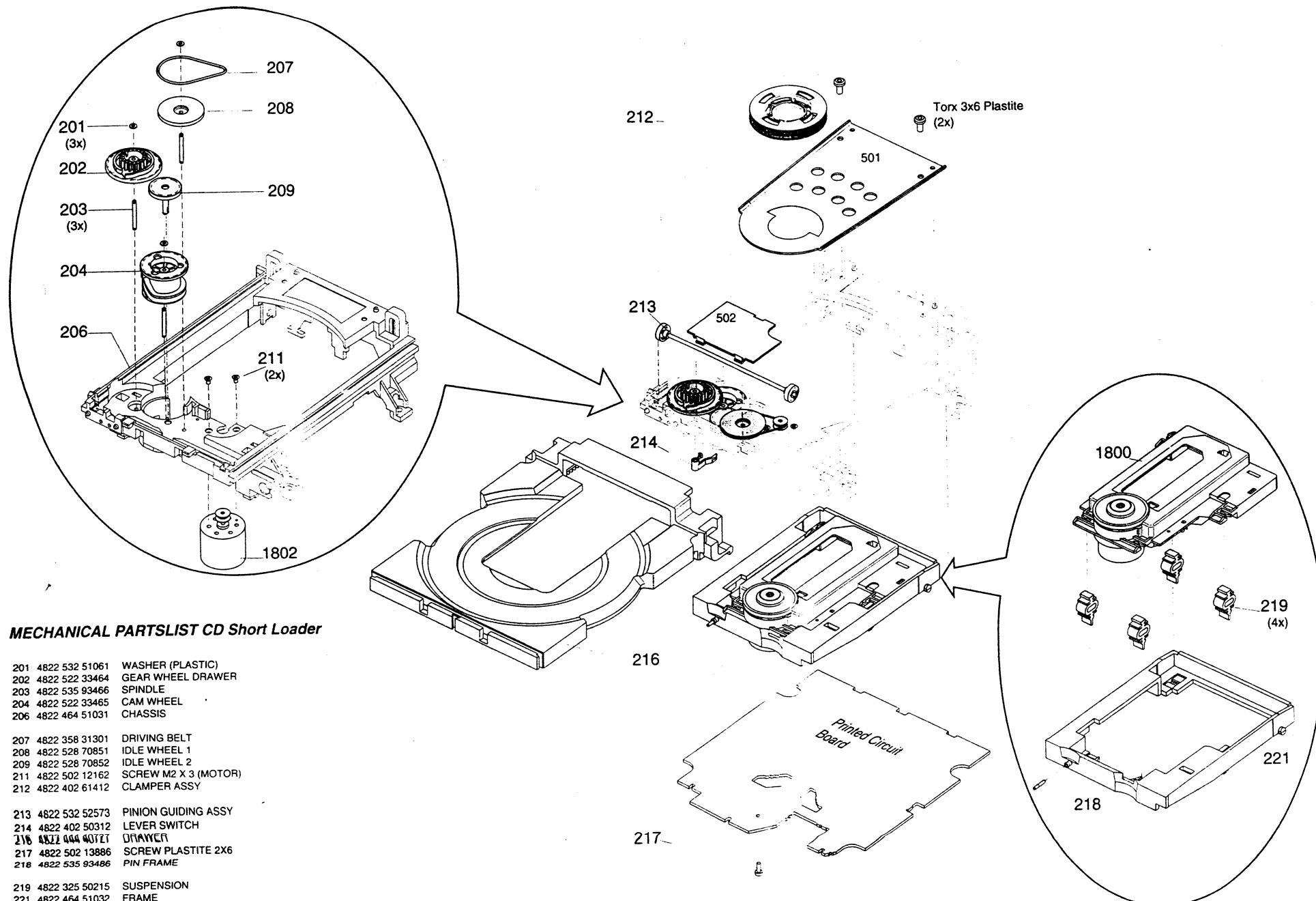
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|------|-----|
| 3820 | H4 |
| 3821 | H5 |
| 3822 | G5 |
| 3823 | E13 |
| 3824 | H5 |
| 3825 | G8 |
| 3826 | G8 |
| 3827 | G9 |
| 3828 | G9 |
| 3829 | F10 |
| 3830 | F10 |
| 3831 | L22 |
| 3832 | I10 |
| 3833 | H11 |
| 3834 | E14 |
| 3835 | K13 |
| 3836 | K13 |
| 3837 | K12 |
| 3838 | L13 |
| 3839 | L13 |
| 3840 | L12 |
| 3841 | N21 |
| 3842 | N21 |
| 3843 | M13 |
| 3844 | N12 |
| 3845 | N13 |
| 3846 | N13 |
| 3847 | K11 |
| 3848 | I13 |
| 3849 | L16 |
| 3850 | J13 |
| 3851 | N13 |
| 3852 | O13 |
| 3853 | N12 |
| 3854 | K29 |
| 3855 | I27 |
| 3856 | D16 |
| 3857 | J11 |
| 3858 | J12 |
| 3860 | F16 |
| 3862 | F17 |
| 3863 | O30 |
| 3864 | O30 |
| 3865 | O30 |
| 3866 | H13 |
| 3867 | A26 |
| 3871 | A16 |
| 3876 | E28 |
| 3877 | B28 |
| 3880 | E30 |
| 3881 | B30 |
| 3884 | A15 |
| 3885 | G24 |
| 3886 | G24 |
| 3887 | H24 |
| 3888 | A12 |
| 3889 | F29 |
| 3890 | F30 |
| 3891 | H28 |
| 3892 | H32 |
| 3893 | H32 |
| 3894 | H33 |
| 3895 | H25 |
| 3896 | J30 |
| 3897 | L30 |
| 3899 | O22 |
| 4803 | N29 |
| 4850 | M30 |
| 4851 | M29 |
| 5860 | F17 |
| 5885 | A13 |
| 5890 | H26 |
| 6857 | G29 |
| 6881 | H24 |
| 6883 | F30 |
| 7800 | D50 |
| 7800 | B7 |
| 7800 | B6 |
| 7800 | C10 |
| 7800 | C8 |
| 7800 | C7 |
| 7820 | E10 |
| 7850 | E11 |
| 7851 | J9 |
| 7852 | M9 |
| 7855 | N20 |
| 7856 | G28 |
| 7860 | B20 |
| 7871 | A23 |
| 7872 | C24 |
| 7880 | D27 |
| 7880 | A27 |
| 7881 | G24 |
| 7883 | C30 |
| 7884 | E31 |
| 7885 | B31 |
| 7886 | G30 |

EXPLODED VIEW / DRAWING 1



EXPLODED VIEW / DRAWING 2



Exploded view CD Short Loader

ELECTRICAL PARTSLIST

CONTROL BOARD

MISCELLANEOUS

| | | |
|---------------------|----------------|----------------------------|
| 1401 | 4822 130 91391 | LCD, LPH5602-1 |
| 1405 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1406 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1407 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1408 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1409 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1410 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1411 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1412 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1413 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1414 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1415 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1416 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1417 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1418 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1419 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1420 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1421 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1422 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1423 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1424 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1425 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1426 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1427 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1428 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1429 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1430 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1431 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1432 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| 1433 | 4822 276 13355 | TACT SWITCH 12V/50mA |
| DIODES | | |
| 6403 | 4822 130 30621 | 1N4148 |
| 6404 | 4822 130 83746 | HZ4BLL |
| 6405 | 4822 130 34174 | BZX79-F4V7 |
| TRANSISTORS | | |
| 7403 | 5322 130 60068 | BC558C |
| 7404 | 4822 130 44196 | BC548C |
| 7405 | 4822 130 44196 | BC548C |
| INTEGRATED CIRCUITS | | |
| 7401 | 4822 209 33663 | TMP87CM70AF-AZ8640.1 |
| 7402 | 4822 214 52009 | INFRARED RECEIVER, GP1U58X |
| COILS | | |
| 5401 | 4822 242 81016 | X-TAL 32.768kHz |
| 5402 | 5322 242 73697 | CERAM.RES. 8MHz |
| 5403 | 4822 157 62552 | COIL 2.2µH |
| RESISTORS | | |
| 3401 | 4822 116 52234 | 100k 5% 0.5W |
| 3402 | 4822 116 52234 | 100k 5% 0.5W |
| 3403 | 4822 116 52234 | 100k 5% 0.5W |
| 3404 | 4822 116 52234 | 100k 5% 0.5W |
| 3405 | 4822 116 52257 | 22k 5% 0.5W |

RESISTORS

CHIP CAPACITORS

12401 1823 126 10507 TRIMCAR 3 - 100E (SERVICE SOLUTION)

LF-MAINS BOARD

MISCELLANEOUS

1260 4822 285 20287 SOCKET, MAINS
 1264 4822 071 52502 FUSE 2.5A
 1322 4822 267 31607 SOCKET, HEADPHONE
 1700 4822 277 20594 SWITCH SLIDE, REC/PB

DIODES

6261 4822 130 82078 D5SBA20
 6270 4822 130 30621 1N4148
 6271 4822 130 30621 1N4148
 6272 4822 130 30621 1N4148
 6273 4822 130 34278 BZX79-F6V8
 6274 4822 130 30621 1N4148
 6275 4822 130 34278 BZX79-F6V8
 6276 4822 130 30621 1N4148
 6277 4822 130 30621 1N4148
 6278 4822 130 30621 1N4148
 6279 4822 130 30621 1N4148
 6280 4822 130 30621 1N4148
 6290 4822 130 30621 1N4148
 6700 4822 130 30621 1N4148
 6710 4822 130 30621 1N4148
 6711 4822 130 30621 1N4148
 6712 4822 130 30621 1N4148

TRANSISTORS

7270 4822 130 44196 BC548C
 7271 5322 130 60268 BD238
 7272 4822 130 41344 BC337-40
 7273 4822 130 44196 BC548C
 7274 4822 130 44196 BC548C
 7275 4822 130 41344 BC337-40
 7276 5322 130 60268 BD238
 7277 4822 130 44196 BC548C
 7278 4822 130 41327 BC327-40
 7279 4822 130 44196 BC548C
 7280 5322 130 60068 BC558C
 7321 5322 130 60068 BC558C
 7322 4822 130 44196 BC548C
 7323 4822 130 44196 BC548C
 7324 4822 130 44196 BC548C
 7702 4822 130 44196 BC548C
 7703 4822 130 44196 BC548C
 7704 4822 130 41344 BC337-40
 7707 5322 130 60068 BC558C
 7708 4822 130 44196 BC548C
 7709 5322 130 60268 BD238
 7710 4822 130 44196 BC548C
 7711 4822 130 44196 BC548C
 7712 4822 130 44196 BC548C

INTEGRATED CIRCUITS

7290 4822 209 33664 AN7135
 7501 4822 209 33652 TEA6321TV1
 7502 4822 209 83357 NJM4560M
 7700 4822 209 32918 AN7318S
 7701 4822 209 32918 AN7318S

COILS

5260 4822 157 70003 COIL, MAINS FILTER
 5302 4822 157 62552 COIL 2.2EH
 5700 4822 156 20946 OSC.COIL 100kHz

RESISTORS

3268 4822 116 52217 270R 5% 0.5W
 3269 4822 116 52217 270R 5% 0.5W
 3270 4822 116 52199 68R 5% 0.16W
 3271 4822 116 52244 15k 5% 0.5W
 3272 4822 116 52244 470R 5% 0.5W
 3273 4822 116 52234 100k 5% 0.5W
 3274 4822 116 52303 8k2 5% 0.5W
 3275 4822 116 52256 2k2 5% 0.16W
 3276 4822 116 52215 220R 5% 0.16W
 3277 4822 116 52215 220R 5% 0.16W
 3278 4822 116 52244 15k 5% 0.5W
 3279 4822 116 52224 470R 5% 0.5W
 3280 4822 116 52211 150R 5% 0.5W
 3281 4822 116 52224 470R 5% 0.5W
 3282 4822 116 52234 100k 5% 0.5W
 3283 4822 116 52256 2k2 5% 0.16W
 3284 4822 116 52238 12k 5% 0.5W
 3285 4822 116 52215 220R 5% 0.16W
 3286 4822 116 52215 220R 5% 0.16W
 3287 4822 116 52244 15k 5% 0.5W
 3288 4822 116 52224 470R 5% 0.5W
 3289 4822 116 52215 220R 5% 0.16W
 3290 4822 116 52244 15k 5% 0.5W
 3292 4822 116 52199 68R 5% 0.16W
 3293 4822 116 52263 2k7 5% 0.5W
 3294 4822 116 52263 4k7 5% 0.5W
 3295 4822 116 52234 100k 5% 0.5W
 3296 4822 111 30893 4M7 5% 0.2W
 3298 4822 116 52224 470R 5% 0.5W
 3299 4822 116 52193 39R 5% 0.16W
 3320 4822 050 11002 1k 5% 0.2W
 3321 4822 050 11002 1k 5% 0.2W
 3324 4822 116 52222 390R 5% 0.16W
 3325 4822 116 52222 390R 5% 0.16W
 3326 4822 116 52211 150R 5% 0.5W
 3327 4822 116 52211 150R 5% 0.5W
 3329 4822 052 10228 2R2 5% 0.33W
 3330 4822 052 10228 2R2 5% 0.33W
 3331 4822 116 52285 470k 5% 0.5W
 3332 4822 116 52258 220k 5% 0.5W
 3333 4822 116 81682 2M2 5% 0.5W
 3334 4822 116 52222 390R 5% 0.16W
 3335 4822 116 52222 390R 5% 0.16W
 3336 4822 116 52284 47k 5% 0.5W
 3337 4822 116 52271 33k 5% 0.16W
 3338 4822 116 52234 100k 5% 0.5W
 3339 4822 116 52233 10k 5% 0.5W
 3340 4822 116 52233 10k 5% 0.5W
 3341 4822 116 52269 3k3 5% 0.16W
 3342 4822 116 52269 3k3 5% 0.16W
 3551 4822 116 52263 2k7 5% 0.16W
 3552 4822 116 52263 2k7 5% 0.16W
 3553 4822 116 52249 1k8 5% 0.16W
 3554 4822 116 52249 1k8 5% 0.16W

RESISTORS

3555 4822 116 52251 18k 5% 0.5W
 3556 4822 116 52251 18k 5% 0.5W
 3557 4822 116 52256 2k2 5% 0.16W
 3558 4822 116 52256 2k2 5% 0.16W
 3559 4822 116 52283 4k7 5% 0.5W

3560 4822 116 52283 4k7 5% 0.5W
 3561 4822 116 52303 8k2 5% 0.16W
 3562 4822 116 52303 8k2 5% 0.16W
 3563 4822 116 52283 4k7 5% 0.5W
 3564 4822 116 52283 4k7 5% 0.5W

3565 4822 116 52233 10k 5% 0.5W
 3566 4822 116 52233 10k 5% 0.5W
 3567 4822 116 52289 5k6 5% 0.16W
 3568 4822 116 52289 5k6 5% 0.16W
 3570 4822 116 52283 4k7 5% 0.5W

3571 4822 116 52283 4k7 5% 0.5W
 3572 4822 116 52283 4k7 5% 0.5W
 3573 4822 116 52283 4k7 5% 0.5W
 3574 4822 116 52283 4k7 5% 0.5W
 3575 4822 116 52283 4k7 5% 0.5W

3576 4822 116 52283 4k7 5% 0.5W
 3577 4822 116 52283 4k7 5% 0.5W
 3578 4822 116 52277 39k 5% 0.5W
 3579 4822 116 52277 39k 5% 0.5W
 3702 4822 116 52243 1k5 5% 0.5W

3703 4822 116 52243 1k5 5% 0.5W
 3704 4822 116 52244 470R 5% 0.5W
 3705 4822 116 52244 470R 5% 0.5W
 3706 4822 116 52215 220R 5% 0.16W
 3707 4822 116 52215 220R 5% 0.16W

3708 4822 116 52175 100R 5% 0.5W
 3709 4822 116 52175 100R 5% 0.5W
 3710 4822 116 52277 39k 5% 0.5W
 3711 4822 116 52277 39k 5% 0.5W
 3712 4822 116 52244 470R 5% 0.5W

3713 4822 116 52224 470R 5% 0.5W

3714 4822 116 52215 220R 5% 0.16W

3715 4822 116 52215 220R 5% 0.16W

3716 4822 116 52175 100R 5% 0.5W

3717 4822 116 52175 100R 5% 0.5W

3718 4822 116 52175 100R 5% 0.5W

3719 4822 116 52245 150k 5% 0.16W

3720 4822 116 52245 150k 5% 0.16W

3721 4822 116 52245 150k 5% 0.16W

3722 4822 116 52244 15k 5% 0.5W

3723 4822 116 52244 15k 5% 0.5W

3724 4822 116 52175 100R 5% 0.5W

3725 4822 116 52265 270k 5% 0.5W

3726 4822 116 52265 270k 5% 0.5W

3727 4822 116 52265 270k 5% 0.5W

3728 4822 116 52244 15k 5% 0.5W

3729 4822 116 52244 15k 5% 0.5W

3730 4822 116 52234 100k 5% 0.5W

3731 4822 116 52234 100k 5% 0.5W

3732 4822 116 52244 15k 5% 0.5W

3733 4822 116 52244 15k 5% 0.5W

3734 4822 116 52244 15k 5% 0.5W

3735 4822 116 52244 15k 5% 0.5W

3736 4822 116 52276 3k9 5% 0.5W

3737 4822 116 52276 3k9 5% 0.5W

3738 4822 116 52284 47k 5% 0.5W

3739 4822 116 52284 47k 5% 0.5W

3740 4822 116 52292 560k 5% 0.5W

3741 4822 116 52186 22R 5% 0.5W

3742 4822 116 52233 10k 5% 0.5W

3743 4822 116 52233 10k 5% 0.5W

3744 4822 116 52233 10k 5% 0.5W

3745 4822 116 52179 12R 5% 0.5W

RESISTORS

3746 4822 111 30893 4M7 5% 0.2W
 3747 4822 116 52234 100k 5% 0.5W
 3748 4822 116 52258 220k 5% 0.5W
 3750 4822 116 52256 2k2 5% 0.16W
 3751 4822 116 52256 2k2 5% 0.16W

3753 4822 116 52285 470k 5% 0.5W
 3754 4822 116 52233 10k 5% 0.5W
 3756 4822 116 52289 5k6 5% 0.16W
 3757 4822 116 52233 10k 5% 0.5W
 3758 4822 050 11002 1k 5% 0.2W

3759 4822 116 52292 560k 5% 0.16W
 3760 4822 116 52215 220R 5% 0.16W
 3761 4822 116 52215 220R 5% 0.16W
 3763 4822 116 52233 10k 5% 0.5W
 3764 4822 116 52228 680R 5% 0.5W

3765 4822 116 52296 6k8 5% 0.5W
 3766 4822 116 52269 3k3 5% 0.5W
 3768 4822 116 52298 680k 5% 0.5W
 3769 4822 116 52238 12k 5% 0.5W
 3770 4822 116 52298 680k 5% 0.5W

3771 4822 116 52251 18k 5% 0.16W
 3772 4822 116 52251 18k 5% 0.16W
 3775 4822 116 52297 68k 5% 0.5W
 3776 4822 116 52297 68k 5% 0.5W
 3777 4822 116 52257 22k 5% 0.5W

3778 4822 116 52257 22k 5% 0.5W
 3779 4822 116 52191 33R 5% 0.5W
 3781 4822 116 52233 10k 5% 0.5W
 3782 4822 116 52296 6k8 5% 0.5W
 3783 4822 116 52234 100k 5% 0.5W

3784 4822 116 52234 100k 5% 0.5W
 3790 4822 116 52258 220k 5% 0.5W
 3791 4822 050 11002 1k 5% 0.2W
 3795 4822 116 80176 1R 5% 0.5W
 3796 4822 116 80176 1R 5% 0.5W

3797 4822 116 52249 1k8 5% 0.16W
 3798 4822 116 52249 1k8 5% 0.16W

CHIP RESISTORS FROM PRINT STAGE .5 ONWARDS

3590 4822 051 10008 CHIP JUMPER 1206
 3591 4822 051 20008 CHIP JUMPER 0805

CAPACITORS

2260 4822 121 70087 47nF 10% 250V
 2261 4822 121 42408 220nF 5% 63V
 2262 4822 121 42408 220nF 5% 63V
 2263 4822 121 42408 220nF 5% 63V
 2264 4822 121 42408 220nF 5% 63V

2267 4822 124 40242 1μF 20% 63V
 2268 4822 124 40242 1μF 20% 63V
 2270 4822 124 42119 4700μF 20% 25V
 2271 4822 126 12882 100nF 50V
 2272 5322 121 42386 100nF 5% 63V

2273 4822 124 41525 100μF 20% 25V
 2274 4822 126 12882 100nF 50V
 2275 5322 121 42386 100nF 5% 63V
 2276 4822 124 41525 100μF 20% 25V
 2277 4822 124 41584 100μF 20% 10V

2278 4822 124 41576 2.2μF 20% 50V
 2279 4822 124 40246 4.7μF 20% 63V
 2280 4822 126 12882 100nF 50V
 2320 4822 126 12339 2.2nF 10% 16V
 2321 4822 126 12339 2.2nF 10% 16V

| CAPACITORS | | | | | |
|------------|----------------|--------|-----|-----|--|
| 2322 | 4822 124 40248 | 10µF | 20% | 63V | |
| 2323 | 4822 124 40248 | 10µF | 20% | 63V | |
| 2328 | 4822 124 40433 | 47µF | 20% | 25V | |
| 2329 | 4822 124 40433 | 47µF | 20% | 25V | |
| 2331 | 4822 124 40184 | 1000µF | 20% | 10V | |
| 2332 | 4822 124 40184 | 1000µF | 20% | 10V | |
| 2334 | 4822 124 22263 | 220µF | 20% | 25V | |
| 2335 | 4822 124 41584 | 100µF | 20% | 10V | |
| 2338 | 4822 126 12339 | 2,2nF | 10% | 16V | |
| 2339 | 4822 126 12339 | 2,2nF | 10% | 16V | |
| 2340 | 4822 121 51387 | 10nF | 20% | 16V | |
| 2341 | 4822 121 51387 | 10nF | 20% | 16V | |
| 2342 | 4822 121 42408 | 220nF | 5% | 63V | |
| 2343 | 4822 121 42408 | 220nF | 5% | 63V | |
| 2537 | 4822 124 40746 | 0,22µF | 20% | 63V | |
| 2538 | 4822 124 40746 | 0,22µF | 20% | 63V | |
| 2551 | 4822 126 12785 | 47nF | 50V | | |
| 2552 | 4822 126 12785 | 47nF | 50V | | |
| 2553 | 4822 126 12785 | 47nF | 50V | | |
| 2554 | 4822 126 12785 | 47nF | 50V | | |
| 2555 | 4822 126 12785 | 47nF | 50V | | |
| 2556 | 4822 126 12785 | 47nF | 50V | | |
| 2557 | 4822 126 12785 | 47nF | 50V | | |
| 2558 | 4822 126 12785 | 47nF | 50V | | |
| 2559 | 5322 121 42465 | 68nF | 10% | 63V | |
| 2560 | 5322 121 42465 | 68nF | 10% | 63V | |
| 2561 | 4822 121 42408 | 220nF | 5% | 63V | |
| 2562 | 4822 121 42408 | 220nF | 5% | 63V | |
| 2563 | 5322 121 42386 | 100nF | 5% | 63V | |
| 2564 | 5322 121 42386 | 100nF | 5% | 63V | |
| 2565 | 4822 126 13151 | 3,9nF | 10% | 16V | |
| 2566 | 4822 126 13151 | 3,9nF | 10% | 16V | |
| 2567 | 5322 121 42386 | 100nF | 5% | 63V | |
| 2568 | 5322 121 42386 | 100nF | 5% | 63V | |
| 2569 | 4822 126 11714 | 4,7nF | 20% | | |
| 2570 | 4822 126 11714 | 4,7nF | 20% | | |
| 2571 | 4822 122 33849 | 150pF | 5% | 50V | |
| 2572 | 4822 122 33849 | 150pF | 5% | 50V | |
| 2590 | 4822 124 40177 | 47µF | 20% | 10V | |
| 2591 | 4822 124 41584 | 100µF | 20% | 10V | |
| 2593 | 4822 124 80791 | 470pF | 20% | 16V | |
| 2700 | 4822 122 10459 | 560pF | 10% | 50V | |
| 2701 | 4822 122 10459 | 560pF | 10% | 50V | |
| 2702 | 4822 122 10459 | 560pF | 10% | 50V | |
| 2703 | 4822 122 10459 | 560pF | 10% | 50V | |
| 2704 | 4822 124 41584 | 100µF | 20% | 10V | |
| 2705 | 4822 124 41584 | 100µF | 20% | 10V | |
| 2706 | 4822 124 41584 | 100µF | 20% | 10V | |
| 2707 | 4822 124 41584 | 100µF | 20% | 10V | |
| 2708 | 4822 122 33519 | 470pF | 10% | 50V | |
| 2709 | 4822 122 33519 | 470pF | 10% | 50V | |
| 2710 | 4822 122 10576 | 1,8nF | 10% | 50V | |
| 2711 | 4822 122 33519 | 470pF | 10% | 50V | |
| 2712 | 4822 122 33519 | 470pF | 10% | 50V | |
| 2713 | 4822 124 40433 | 47µF | 20% | 25V | |
| 2714 | 4822 126 12878 | 1,5nF | 10% | 16V | |
| 2715 | 4822 124 40433 | 47µF | 20% | 25V | |
| 2716 | 4822 126 10329 | 68pF | 5% | 50V | |
| 2717 | 4822 126 12878 | 1,5nF | 10% | 16V | |
| 2718 | 4822 124 40248 | 10µF | 20% | 63V | |
| 2719 | 4822 124 40248 | 10µF | 20% | 63V | |
| 2720 | 4822 126 11593 | 10nF | 10% | 50V | |
| 2721 | 4822 126 11593 | 10nF | 10% | 50V | |

| CAPACITORS | | | | | |
|-------------------------|----------------|-------|-----|------|--|
| 2722 | 4822 126 11593 | 10nF | 10% | 50V | |
| 2723 | 5322 124 41431 | 22pF | 20% | 25V | |
| 2725 | 4822 126 10329 | 68pF | 5% | 50V | |
| 2727 | 4822 124 40248 | 10µF | 20% | 63V | |
| 2729 | 4822 126 11593 | 10nF | 10% | 50V | |
| 2730 | 4822 121 41857 | 10nF | 5% | 250V | |
| 2731 | 4822 121 51387 | 10nF | 20% | 16V | |
| 2732 | 4822 126 11714 | 4,7nF | 20% | | |
| 2733 | 4822 121 41935 | 12nF | 5% | 250V | |
| 2738 | 4822 121 51387 | 10nF | 20% | 16V | |
| 2739 | 4822 122 10576 | 1,8nF | 10% | 50V | |
| 2742 | 4822 126 11593 | 10nF | 10% | 50V | |
| 2744 | 4822 122 10577 | 3,3nF | 10% | 16V | |
| 2745 | 4822 122 10577 | 3,3nF | 10% | 16V | |
| 2746 | 4822 124 40248 | 10µF | 20% | 63V | |
| 2747 | 4822 122 33195 | 100pF | 10% | 50V | |
| 2748 | 4822 122 33195 | 100pF | 10% | 50V | |
| 2749 | 4822 126 11593 | 10nF | 10% | 50V | |
| 2750 | 4822 124 40246 | 4,7µF | 20% | 63V | |
| 2751 | 4822 124 40196 | 220pF | 20% | 16V | |
| 2753 | 4822 122 10576 | 1,8nF | 10% | 16V | |
| 2754 | 4822 122 10576 | 1,8nF | 10% | 16V | |
| 2755 | 4822 122 33519 | 470pF | 10% | 50V | |
| 2756 | 4822 122 33519 | 470pF | 10% | 50V | |
| 2758 | 4822 124 40433 | 47µF | 20% | 25V | |
| 2759 | 4822 126 10778 | 220pF | 5% | 50V | |
| 2760 | 4822 121 43897 | 1nF | 5% | 50V | |
| 2761 | 4822 121 41856 | 22nF | 10% | 50V | |
| 2762 | 4822 121 41856 | 22nF | 10% | 50V | |
| 2763 | 4822 124 40246 | 4,7µF | 20% | 63V | |
| 2765 | 4822 124 40248 | 10µF | 20% | 63V | |
| FOR PRINT STAGE .4 ONLY | | | | | |
| 2766 | 4822 122 33519 | 470pF | 10% | 50V | |
| 2767 | 4822 122 33519 | 470pF | 10% | 50V | |
| CHIP CAPACITORS | | | | | |
| 2766 | 5322 122 32268 | 470pF | 10% | 50V | |
| 2767 | 5322 122 32268 | 470pF | 10% | 50V | |

TUNER BOARD ECO4VA-PA

MISCELLANEOUS

1101 4822 267 10283 SOCKET COAX IEC 75R (NOT FOR .02)

DIODES

6101 4822 130 30621 1N4148
6105 4822 130 83075 HN1V02H (TUNING DIODE)
6109 4822 130 82833 1SV228 (TUNING DIODE)
6121 4822 130 30621 1N4148
6122 4822 130 30621 1N41486123 4822 130 30621 1N4148
6124 4822 130 82833 1SV228 (TUNING DIODE)
6140 4822 130 30621 1N4148
6154 4822 130 30621 1N4148
6174 4822 130 34174 BZX79-B4V76180 4822 130 30621 1N4148
6181 4822 130 30621 1N4148
6182 4822 130 30621 1N4148

TRANSISTORS

7102 5322 130 42136 BC848C(CHIP)
7104 5322 130 42136 BC848C(CHIP)
7105 4822 130 60093 2SA838B
7120 4822 130 60163 2SC1047
7121 5322 130 42136 BC848C(CHIP)7123 5322 130 42136 BC848C(CHIP)
7128 5322 130 42136 BC848C(CHIP)
7168 5322 130 41983 BC558B(CHIP)
7170 5322 130 42136 BC848C(CHIP)
7171 5322 130 42136 BC848C(CHIP)7175 4822 130 44197 BC558B
7176 5322 130 42136 BC848C(CHIP)
7177 5322 130 42136 BC848C(CHIP)
7179 5322 130 42136 BC848C(CHIP)

INTEGRATED CIRCUITS

7140 4822 209 32701 TEA5712T/N2 (RF IC)
7172 5322 209 11517 PC74HCU04T (6x INVERTER)
7173 4822 209 31998 LC7218M (SYNTHESIZER)
7180 5322 209 14482 HEF4069UBT (6x INVERTER)7195 4822 051 20335 3M3 5% 0,1W
3121 4822 051 20104 100k 5% 0,1W
3122 4822 051 20471 470R 5% 0,1W
3123 4822 051 20223 22k 5% 0,1W
3125 4822 051 20472 4k7 5% 0,1W3128 4822 117 10833 10k 1% 0,1W
3129 4822 051 20472 4k7 5% 0,1W
3136 4822 051 20224 220k 5% 0,1W
3137 4822 051 20104 100k 5% 0,1W
3138 4822 051 20104 100k 5% 0,1W3139 4822 051 20104 100k 5% 0,1W
3142 4822 051 20222 2k2 5% 0,1W
3144 4822 117 10833 10k 1% 0,1W
3147 4822 051 20184 180k 5% 0,1W
3149 4822 051 20563 56k 5% 0,1W3157 4822 051 20273 27k 5% 0,1W
3158 4822 051 20189 18R 5% 0,1W
3159 4822 051 20563 56k 5% 0,1W
3167 4822 051 20331 330R 5% 0,1W
3168 4822 117 10833 10k 1% 0,1W3169 4822 051 20224 220k 5% 0,1W
3171 4822 051 20101 100R 5% 0,1W
3172 4822 051 20472 4k7 5% 0,1W
3175 4822 051 20104 100k 5% 0,1W
3176 4822 051 20101 100R 5% 0,1W3183 4822 051 20223 22k 5% 0,1W
3184 4822 051 20223 22k 5% 0,1W
3186 4822 051 20104 100k 5% 0,1W
3188 4822 051 10102 1k 2% 0,25W
3199 4822 051 20224 220k 5% 0,1W3211 4822 051 10008 CHIP JUMPER 1206
3212 4822 051 10008 CHIP JUMPER 1206
3213 4822 051 10008 CHIP JUMPER 1206

RESISTORS

3112 4822 116 52176 10R 5% 0,5W
3119 4822 116 52224 470R 5% 0,5W
3120 4822 116 52289 5k6 5% 0,16W
3124 4822 116 52256 2k2 5% 0,16W
3132 4822 116 52283 4k7 5% 0,5W3141 4822 116 52215 220R 5% 0,16W
3148 4822 100 11163 TRIMPOT. 100k lin.
3151 4822 116 52243 1k5 5% 0,16W
3156 4822 116 52233 10k 5% 0,5W
3162 4822 050 11002 1k 5% 0,2W3163 4822 050 11002 1k 5% 0,2W
3170 4822 116 52283 4k7 5% 0,5W
3173 4822 116 52244 15k 5% 0,5W
3174 4822 116 52233 10k 5% 0,5W
3177 4822 116 52233 10k 5% 0,5W3189 4822 116 52249 1k8 5% 0,16W
3190 4822 116 52249 1k8 5% 0,16W
3191 4822 116 52249 1k8 5% 0,16W
3192 4822 116 52249 1k8 5% 0,16W
3196 4822 116 52233 10k 5% 0,5W3197 4822 050 11002 1k 5% 0,2W
3198 4822 116 52256 2k2 5% 0,16W
3206 4822 116 52215 220R 5% 0,16W3106 4822 051 20104 100k 5% 0,1W
3107 4822 051 20222 2k2 5% 0,1W
3108 4822 051 20104 100k 5% 0,1W
3109 4822 051 20222 2k2 5% 0,1W
3111 4822 051 20479 47R 5% 0,1W3116 4822 051 20335 3M3 5% 0,1W
3121 4822 051 20104 100k 5% 0,1W
3122 4822 051 20471 470R 5% 0,1W
3123 4822 051 20223 22k 5% 0,1W
3125 4822 051 20472 4k7 5% 0,1W3128 4822 117 10833 10k 1% 0,1W
3129 4822 051 20472 4k7 5% 0,1W
3136 4822 051 20224 220k 5% 0,1W
3137 4822 051 20104 100k 5% 0,1W
3138 4822 051 20104 100k 5% 0,1W3139 4822 051 20104 100k 5% 0,1W
3142 4822 051 20222 2k2 5% 0,1W
3144 4822 117 10833 10k 1% 0,1W
3147 4822 051 20184 180k 5% 0,1W
3149 4822 051 20563 56k 5% 0,1W3157 4822 051 20273 27k 5% 0,1W
3158 4822 051 20189 18R 5% 0,1W
3159 4822 051 20563 56k 5% 0,1W
3167 4822 05

CHIP RESISTORS

| | | |
|------|----------------|------------------|
| 3216 | 4822 051 10006 | CHIP JUMPER 1206 |
| 3222 | 4822 051 20008 | CHIP JUMPER 0805 |
| 3223 | 4822 051 20008 | CHIP JUMPER 0805 |
| 3224 | 4822 051 20008 | CHIP JUMPER 0805 |
| 3226 | 4822 051 20008 | CHIP JUMPER 0805 |
| 3228 | 4822 051 10008 | CHIP JUMPER 1206 |
| 3229 | 4822 051 20008 | CHIP JUMPER 0805 |
| 3231 | 4822 051 20008 | CHIP JUMPER 0805 |
| 3233 | 4822 051 20008 | CHIP JUMPER 0805 |
| 3234 | 4822 051 20008 | CHIP JUMPER 0805 |
| 3235 | 4822 051 20008 | CHIP JUMPER 0805 |
| 3237 | 4822 051 10008 | CHIP JUMPER 1206 |
| 3238 | 4822 051 20008 | CHIP JUMPER 0805 |
| 3240 | 4822 051 10008 | CHIP JUMPER 1206 |
| 3241 | 4822 051 20008 | CHIP JUMPER 0805 |
| 3242 | 4822 051 10008 | CHIP JUMPER 1206 |
| 3243 | 4822 051 20008 | CHIP JUMPER 0805 |
| 3244 | 4822 051 20008 | CHIP JUMPER 0805 |
| 3245 | 4822 051 20008 | CHIP JUMPER 0805 |
| 3246 | 4822 051 10008 | CHIP JUMPER 1206 |
| 3247 | 4822 051 10008 | CHIP JUMPER 1206 |
| 3248 | 4822 051 10008 | CHIP JUMPER 1206 |

CAPACITORS

| | | |
|------|----------------|-------------------|
| 2104 | 4822 122 33195 | 100pF 10% 50V |
| 2115 | 4822 125 60101 | 3-11pF VARIABLE |
| 2118 | 4822 122 33195 | 100pF 10% 50V |
| 2124 | 4822 121 51367 | 10nF 20% 16V |
| 2129 | 4822 121 43705 | 390pF 1% 160V |
| 2130 | 4822 125 50355 | 4,2-20pF VARIABLE |
| 2131 | 4822 122 33197 | 1nF 10% 50V |
| 2134 | 4822 122 33197 | 1nF 10% 50V |
| 2135 | 4822 121 70245 | 560pF 1% 160V |
| 2141 | 4822 124 40244 | 2,2μF 20% 63V |
| 2142 | 4822 124 40242 | 1μF 20% 63V |
| 2143 | 4822 124 40239 | 0,47μF 20% 63V |
| 2144 | 4822 124 40239 | 0,47μF 20% 63V |
| 2150 | 4822 124 40248 | 10μF 20% 63V |
| 2151 | 4822 124 40248 | 10μF 20% 63V |
| 2152 | 4822 124 41584 | 100μF 20% 10V |
| 2160 | 4822 124 40242 | 1μF 20% 63V |
| 2161 | 4822 124 40242 | 1μF 20% 63V |
| 2162 | 4822 124 40248 | 10μF 20% 63V |
| 2164 | 4822 124 40248 | 10μF 20% 63V |
| 2170 | 4822 126 11714 | 4,7nF 20% |
| 2172 | 4822 124 41631 | 1,5μF 20% 50V |
| 2173 | 4822 124 40433 | 47μF 20% 25V |
| 2174 | 4822 122 33197 | 1nF 10% 50V |
| 2175 | 4822 122 33197 | 1nF 10% 50V |
| 2177 | 4822 126 12882 | 100nF 50V |
| 2178 | 4822 122 33197 | 1nF 10% 50V |
| 2179 | 4822 122 33195 | 100pF 10% 50V |
| 2184 | 4822 124 41584 | 100μF 20% 10V |
| 2189 | 4822 124 40433 | 47μF 20% 25V |

CHIP CAPACITORS

| | | |
|------|----------------|-------------------|
| 2107 | 5322 122 34123 | 1nF 10% 50V |
| 2110 | 5322 122 32659 | 33pF 5% 50V MW/LW |
| 2110 | 5322 122 32269 | 6,8pF 5% 50V MW |
| 2112 | 4822 122 33496 | 100nF 10% 63V |
| 2114 | 5322 122 32531 | 100pF 5% 50V |

CHIP CAPACITORS

| | | |
|------|----------------|---------------|
| 2120 | 5322 122 32268 | 470pF 10% 50V |
| 2121 | 5322 122 32481 | 15pF 5% 50V |
| 2122 | 5322 122 34123 | 1nF 10% 50V |
| 2123 | 5322 122 34123 | 1nF 10% 50V |
| 2133 | 4822 122 33128 | 15nF 10% 63V |
| 2138 | 5322 122 32659 | 33pF 5% 50V |
| 2139 | 4822 122 33891 | 3,3nF 10% 63V |
| 2145 | 4822 122 33496 | 100nF 10% 63V |
| 2146 | 5322 122 33063 | 2,2pF 10% 50V |
| 2147 | 4822 122 33177 | 10nF 20% 50V |
| 2148 | 5322 122 34123 | 1nF 10% 50V |
| 2149 | 5322 122 34123 | 1nF 10% 50V |
| 2154 | 4822 122 33893 | 18nF 10% 63V |
| 2155 | 4822 122 33893 | 18nF 10% 63V |
| 2163 | 5322 122 34123 | 1nF 10% 50V |
| 2165 | 5322 122 34123 | 1nF 10% 50V |
| 2167 | 4822 122 33496 | 100nF 10% 63V |
| 2169 | 5322 122 31863 | 330pF 5% 50V |
| 2171 | 5322 126 10223 | 4,7nF 10% 63V |
| 2180 | 5322 122 31946 | 27pF 5% 50V |
| 2181 | 4822 122 32139 | 12pF 5% 63V |
| 2182 | 4822 122 33496 | 100nF 10% 63V |
| 2183 | 4822 122 33496 | 100nF 10% 63V |
| 2185 | 4822 122 33496 | 100nF 10% 63V |
| 2186 | 5322 122 34123 | 1nF 10% 50V |

CD BOARD

MISCELLANEOUS

1810 4822 276 13503 SWITCH, TRAY

DIODES

6857 4822 130 30621 IN4148
6881 4822 130 31981 BZX79-C3V9
6883 4822 130 31981 BZX79-C3V9

TRANSISTORS

7820 4822 130 41344 BC337-40
7856 5322 130 60123 BC807-40 (CHIP)
7872 5322 130 42136 BC848C (CHIP)
7881 5322 130 41983 BC858B (CHIP)
7883 4822 130 44197 BC558B
7884 4822 130 41344 BC337-40
7885 4822 130 41344 BC337-40

INTEGRATED CIRCUITS

7800 5322 209 11517 PC74HCU04T
7850 4822 209 31064 TDA1301T/N1
7851 4822 209 32852 TDA7073A/N2
7852 4822 209 32852 TDA7073A/N2
7855 4822 209 31519 TDA7072A
7860 4822 209 33339 SAA7345GP/MS
7871 4822 209 32196 TDA1311AT/N2
7886 4822 272 10371 7805 (Voltage regulator)
7890 4822 209 33337 MC68HC05C8FB

COILS

5860 4822 543 00376 QUARTZ 16,934 MHz
5890 4822 242 72527 CERAMIC RESONATOR 4,0 MHz

RESISTORS

3760 4822 116 52296 6k8 5% 0,5W
3761 4822 116 52283 4k7 5% 0,5W
3801 4822 116 52224 470R 5% 0,5W
3815 4822 050 11002 1k 5% 0,2W
3818 4822 116 52233 10k 5% 0,5W
3820 4822 050 11002 1k 5% 0,2W
3825 4822 116 52233 10k 5% 0,5W
3826 4822 116 52233 10k 5% 0,5W
3827 4822 116 52233 10k 5% 0,5W
3828 4822 116 52233 10k 5% 0,5W
3829 4822 116 52233 10k 5% 0,5W
3830 4822 116 52233 10k 5% 0,5W
3832 4822 116 52175 100R 5% 0,5W
3833 4822 116 52233 10k 5% 0,5W
3835 4822 116 52264 27k 5% 0,5W
3836 4822 116 52207 1k2 5% 0,5W
3837 4822 116 52296 6k8 5% 0,5W
3838 4822 116 52257 22k 5% 0,5W
3839 4822 116 52207 1k2 5% 0,5W
3840 4822 116 52296 6k8 5% 0,5W
3841 4822 116 52297 68k 5% 0,5W
3843 4822 116 52277 39k 5% 0,16W
3844 4822 050 11002 1k 5% 0,2W
3845 4822 116 52277 39k 5% 0,16W
3846 4822 050 11002 1k 5% 0,2W
3855 4822 051 20224 220k 5% 0,1W
3856 4822 051 20223 22k 5% 0,1W
3862 4822 051 20105 1M 5% 0,1W
3863 4822 051 10102 1k 2% 0,25W
3864 4822 051 10102 1k 2% 0,25W
3865 4822 051 10102 1k 2% 0,25W
3866 4822 051 20331 330R 5% 0,1W
3867 4822 051 20472 4k7 5% 0,1W

RESISTORS

3847 4822 116 40227 4R7 PTC 0,2W
3848 4822 050 11002 1k 5% 0,2W
3849 4822 052 10338 3k3 NFR25
3850 4822 050 11002 1k 5% 0,2W
3851 4822 116 52264 27k 5% 0,5W3852 4822 050 11002 1k 5% 0,2W
3853 4822 116 52296 6k8 5% 0,5W
3857 4822 116 52215 220R 5% 0,16W
3858 4822 116 52215 220R 5% 0,16W
3860 4822 116 52175 100R 5% 0,5W3871 4822 116 52186 22R 5% 0,5W
3876 4822 116 52284 47k 5% 0,5W
3877 4822 116 52284 47k 5% 0,5W
3880 4822 050 11002 1k 5% 0,2W
3881 4822 050 11002 1k 5% 0,2W3886 4822 116 52226 560R 5% 0,5W
3889 4822 116 52233 10k 5% 0,5W
3891 4822 116 52186 22R 5% 0,5W3750 4822 051 20154 150k 5% 0,1W
3751 4822 051 20331 330R 5% 0,1W
3752 4822 051 20221 220R 5% 0,1W
3754 4822 051 20105 1M 5% 0,1W
3755 4822 117 10833 10k 1% 0,1W3762 4822 051 20221 220R 5% 0,1W
3763 4822 051 20221 220R 5% 0,1W
3764 4822 051 20221 220R 5% 0,1W
3785 4822 117 10833 10k 1% 0,1W
3790 4822 117 10833 10k 1% 0,1W3791 4822 117 10833 10k 1% 0,1W
3792 4822 117 10833 10k 1% 0,1W
3793 4822 117 10833 10k 1% 0,1W
3795 4822 117 10833 10k 1% 0,1W
3802 4822 051 10102 1k 2% 0,25W3803 4822 051 20335 3M3 5% 0,1W
3804 4822 051 20682 6k8 5% 0,1W
3805 4822 051 20223 22k 5% 0,1W
3806 4822 117 10833 10k 1% 0,1W
3807 4822 117 10833 10k 1% 0,1W3808 4822 117 10834 47k 1% 0,1W
3809 4822 051 20332 3k3 5% 0,1W
3810 4822 051 20332 3k3 5% 0,1W
3811 4822 051 20223 22k 5% 0,1W
3812 4822 051 20332 3k3 5% 0,1W3813 4822 051 20332 3k3 5% 0,1W
3814 4822 051 20332 3k3 5% 0,1W
3821 4822 051 20124 120k 5% 0,1W
3822 4822 051 20563 56k 5% 0,1W
3823 4822 051 20331 330R 5% 0,1W3824 4822 051 20124 120k 5% 0,1W
3831 4822 051 20223 22k 5% 0,1W
3834 4822 051 20229 22R 5% 0,1W
3842 4822 051 20182 1k8 5% 0,1W
3854 4822 117 10833 10k 1% 0,1W3855 4822 051 20224 220k 5% 0,1W
3856 4822 051 20223 22k 5% 0,1W
3862 4822 051 20105 1M 5% 0,1W
3863 4822 051 10102 1k 2% 0,25W
3864 4822 051 10102 1k 2% 0,25W3865 4822 051 10102 1k 2% 0,25W
3866 4822 051 20331 330R 5% 0,1W
3867 4822 051 20472 4k7 5% 0,1W

CHIP RESISTORS

3216 4822 051 10006 CHIP JUMPER 1206
 3222 4822 051 20008 CHIP JUMPER 0805
 3223 4822 051 20008 CHIP JUMPER 0805
 3224 4822 051 20008 CHIP JUMPER 0805
 3226 4822 051 20008 CHIP JUMPER 0805

3228 4822 051 10008 CHIP JUMPER 1206
 3229 4822 051 20008 CHIP JUMPER 0805
 3231 4822 051 20008 CHIP JUMPER 0805
 3233 4822 051 20008 CHIP JUMPER 0805
 3234 4822 051 20008 CHIP JUMPER 0805

3235 4822 051 20008 CHIP JUMPER 0805
 3237 4822 051 10008 CHIP JUMPER 1206
 3238 4822 051 20008 CHIP JUMPER 0805
 3240 4822 051 10008 CHIP JUMPER 1206
 3241 4822 051 20008 CHIP JUMPER 0805

3242 4822 051 10008 CHIP JUMPER 1206
 3243 4822 051 20008 CHIP JUMPER 0805
 3244 4822 051 20008 CHIP JUMPER 0805
 3245 4822 051 20008 CHIP JUMPER 0805
 3246 4822 051 10008 CHIP JUMPER 1206

3247 4822 051 10008 CHIP JUMPER 1206
 3248 4822 051 10008 CHIP JUMPER 1206

CAPACITORS

2104 4822 122 33195 100pF 10% 50V
 2115 4822 125 60101 3-11pF VARIABLE
 2118 4822 122 33195 100pF 10% 50V
 2124 4822 121 51387 10nF 20% 16V
 2129 4822 121 43705 390pF 1% 160V

2130 4822 125 50355 4,2-20pF VARIABLE
 2131 4822 122 33197 1nF 10% 50V
 2134 4822 122 33197 1nF 10% 50V
 2135 4822 121 70245 560pF 1% 160V
 2141 4822 124 40244 2,2μF 20% 63V

2142 4822 124 40242 1μF 20% 63V
 2143 4822 124 40239 0,47μF 20% 63V
 2144 4822 124 40239 0,47μF 20% 63V
 2150 4822 124 40248 10μF 20% 63V
 2151 4822 124 40248 10μF 20% 63V

2152 4822 124 41584 100μF 20% 10V
 2160 4822 124 40242 1μF 20% 63V
 2161 4822 124 40242 1μF 20% 63V
 2162 4822 124 40248 10μF 20% 63V
 2164 4822 124 40248 10μF 20% 63V

2170 4822 126 11714 4,7nF 20%
 2172 4822 124 41631 1,5μF 20% 50V
 2173 4822 124 40433 47μF 20% 25V
 2174 4822 122 33197 1nF 10% 50V
 2175 4822 122 33197 1nF 10% 50V

2177 4822 126 12882 100nF 50V
 2178 4822 122 33197 1nF 10% 50V
 2179 4822 122 33195 100pF 10% 50V
 2184 4822 124 41584 100μF 20% 10V
 2189 4822 124 40433 47μF 20% 25V

CHIP CAPACITORS

2107 5322 122 34123 1nF 10% 50V
 2110 5322 122 32659 33pF 5% 50V MW/LW
 2110 5322 122 32269 6,8pF 5% 50V MW
 2112 4822 122 33496 100nF 10% 63V
 2114 5322 122 32531 100pF 5% 50V

CHIP CAPACITORS

2120 5322 122 32268 470pF 10% 50V
 2121 5322 122 32481 15pF 5% 50V
 2122 5322 122 34123 1nF 10% 50V
 2123 5322 122 34123 1nF 10% 50V
 2133 4822 122 33128 15nF 10% 63V

2138 5322 122 32659 33pF 5% 50V
 2139 4822 122 33891 3,3nF 10% 63V
 2145 4822 122 33496 100nF 10% 63V
 2146 5322 122 33063 2,2pF 10% 50V
 2147 4822 122 33177 10nF 20% 50V

2148 5322 122 34123 1nF 10% 50V
 2149 5322 122 34123 1nF 10% 50V
 2154 4822 122 33893 18nF 10% 63V
 2155 4822 122 33893 18nF 10% 63V
 2163 5322 122 34123 1nF 10% 50V

2165 5322 122 34123 1nF 10% 50V
 2167 4822 122 33496 100nF 10% 63V
 2169 5322 122 31863 330pF 5% 50V
 2171 5322 126 10223 4,7nF 10% 63V
 2180 5322 122 31946 27pF 5% 50V

2181 4822 122 32139 12pF 5% 63V
 2182 4822 122 33496 100nF 10% 63V
 2183 4822 122 33496 100nF 10% 63V
 2185 4822 122 33496 100nF 10% 63V
 2186 5322 122 34123 1nF 10% 50V

CD BOARD

MISCELLANEOUS

1810 4822 276 13503 SWITCH, TRAY

DIODES

6857 4822 130 30621 IN4148
 6881 4822 130 31981 BZX79-C3V9
 6883 4822 130 31981 BZX79-C3V9

TRANSISTORS

7820 4822 130 41344 BC337-40
 7856 5322 130 60123 BC807-40 (CHIP)
 7872 5322 130 42136 BC848C (CHIP)
 7881 5322 130 41983 BC858B (CHIP)
 7883 4822 130 44197 BC558B

7884 4822 130 41344 BC337-40
 7885 4822 130 41344 BC337-40

INTEGRATED CIRCUITS

7800 5322 209 11517 PC74HCU04T
 7850 4822 209 31064 TDA1301T/N1
 7851 4822 209 32852 TDA7073A/N2
 7852 4822 209 32852 TDA7073A/N2
 7855 4822 209 31519 TDA7072A

7860 4822 209 33339 SAA7345GP/M5
 7871 4822 209 32196 TDA1311AT/N2
 7886 4822 272 10371 7805 (Voltage regulator)
 7890 4822 209 33337 MC68HC05C8FB

COILS

5860 4822 543 00376 QUARTZ 16,934 MHz
 5890 4822 242 72527 CERAMIC RESONATOR 4,0 MHz

RESISTORS

3760 4822 116 52296 6k8 5% 0,5W
 3761 4822 116 52283 4k7 5% 0,5W
 3801 4822 116 52224 470R 5% 0,5W
 3815 4822 050 11002 1k 5% 0,2W
 3818 4822 116 52233 10k 5% 0,5W
 3820 4822 050 11002 1k 5% 0,2W
 3825 4822 116 52233 10k 5% 0,5W
 3826 4822 116 52233 10k 5% 0,5W
 3827 4822 116 52233 10k 5% 0,5W
 3828 4822 116 52233 10k 5% 0,5W
 3829 4822 116 52233 10k 5% 0,5W
 3830 4822 116 52233 10k 5% 0,5W
 3832 4822 116 52175 100R 5% 0,5W
 3833 4822 116 52233 10k 5% 0,5W
 3835 4822 116 52264 27k 5% 0,5W
 3836 4822 116 52207 1k2 5% 0,5W
 3837 4822 116 52296 6k8 5% 0,5W
 3838 4822 116 52257 22k 5% 0,5W
 3839 4822 116 52207 1k2 5% 0,5W
 3840 4822 116 52296 6k8 5% 0,5W
 3841 4822 116 52297 68k 5% 0,5W
 3843 4822 116 52277 39k 5% 0,16W
 3844 4822 050 11002 1k 5% 0,2W
 3845 4822 116 52277 39k 5% 0,16W
 3846 4822 050 11002 1k 5% 0,2W
 3856 4822 051 10102 1k 2% 0,25W
 3862 4822 051 20472 4k7 5% 0,1W
 3863 4822 051 10102 1k 2% 0,25W
 3864 4822 051 10102 1k 2% 0,25W
 3865 4822 051 10102 1k 2% 0,25W
 3866 4822 051 20331 330R 5% 0,1W
 3867 4822 051 20472 4k7 5% 0,1W

RESISTORS

3847 4822 116 40227 4R7 PTC 0,2W
 3848 4822 050 11002 1k 5% 0,2W
 3849 4822 052 10338 3k3 NFR25
 3850 4822 050 11002 1k 5% 0,2W
 3851 4822 116 52264 27k 5% 0,5W

3852 4822 050 11002 1k 5% 0,2W
 3853 4822 116 52296 6k8 5% 0,5W
 3857 4822 116 52215 220R 5% 0,16W
 3858 4822 116 52215 220R 5% 0,16W
 3860 4822 116 52175 100R 5% 0,5W

3871 4822 116 52186 22R 5% 0,5W
 3876 4822 116 52284 47k 5% 0,5W
 3877 4822 116 52284 47k 5% 0,5W
 3880 4822 050 11002 1k 5% 0,2W
 3881 4822 050 11002 1k 5% 0,2W

3886 4822 116 52226 560R 5% 0,5W
 3889 4822 116 52233 10k 5% 0,5W
 3891 4822 116 52186 22R 5% 0,5W

CHIP RESISTORS

3750 4822 051 20154 150k 5% 0,1W
 3751 4822 051 20331 330R 5% 0,1W
 3752 4822 051 20221 220R 5% 0,1W
 3754 4822 051 20105 1M 5% 0,1W
 3755 4822 117 10833 10k 1% 0,1W

3762 4822 051 20221 220R 5% 0,1W
 3763 4822 051 20221 220R 5% 0,1W
 3764 4822 051 20221 220R 5% 0,1W
 3785 4822 117 10833 10k 1% 0,1W
 3790 4822 117 10833 10k 1% 0,1W

3791 4822 117 10833 10k 1% 0,1W
 3792 4822 117 10833 10k 1% 0,1W
 3793 4822 117 10833 10k 1% 0,1W
 3795 4822 117 10833 10k 1% 0,1W
 3802 4822 051 10102 1k 2% 0,25W

3803 4822 051 20335 3M3 5% 0,1W
 3804 4822 051 20682 6k8 5% 0,1W
 3805 4822 051 20223 22k 5% 0,1W
 3806 4822 117 10833 10k 1% 0,1W
 3807 4822 117 10833 10k 1% 0,1W

3808 4822 117 10834 47k 1% 0,1W
 3809 4822 051 20332 3k3 5% 0,1W
 3810 4822 051 20332 3k3 5% 0,1W
 3811 4822 051 20223 22k 5% 0,1W
 3812 4822 051 20332 3k3 5% 0,1W

3813 4822 051 20332 3k3 5% 0,1W
 3814 4822 051 20332 3k3 5% 0,1W
 3821 4822 051 20124 120k 5% 0,1W
 3822 4822 051 20563 56k 5% 0,1W
 3823 4822 051 20331 330R 5% 0,1W

3824 4822 051 20124 120k 5% 0,1W
 3831 4822 051 20223 22k 5% 0,1W
 3834 4822 051 20229 22R 5% 0,1W
 3842 4822 051 20182 1k8 5% 0,1W
 3854 4822 117 10833 10k 1% 0,1W

3855 4822 051 20224 220k 5% 0,1W
 3856 4822 051 20223 22k 5% 0,1W
 3862 4822 051 20105 1M 5% 0,1W
 3863 4822 051 10102 1k 2% 0,25W
 3864 4822 051 10102 1k 2% 0,25W

3865 4822 051 10102 1k 2% 0,25W
 3866 4822 051 20331 330R 5% 0,1W
 3867 4822 051 20472 4k7 5% 0,1W

CHIP RESISTORS

| | | | | |
|------|----------------|-----|----|-------|
| 3885 | 4822 051 20222 | 2k2 | 2% | 0,25W |
| 3887 | 4822 051 20473 | 47k | 5% | 0,1W |
| 3890 | 4822 051 10102 | 1k | 2% | 0,25W |
| 3892 | 4822 117 10833 | 10k | 1% | 0,1W |
| 3893 | 4822 117 10833 | 10k | 1% | 0,1W |

| | | | | |
|------|----------------|-------------|------|------|
| 3894 | 4822 117 10833 | 10k | 1% | 0,1W |
| 3895 | 4822 117 10833 | 10k | 1% | 0,1W |
| 3896 | 4822 117 10833 | 10k | 1% | 0,1W |
| 3899 | 4822 117 10833 | 10k | 1% | 0,1W |
| 4801 | 4822 051 10008 | CHIP JUMPER | 1206 | |

| | | | | |
|------|----------------|-------------|------|--|
| 4802 | 4822 051 10008 | CHIP JUMPER | 1206 | |
| 4805 | 4822 051 10008 | CHIP JUMPER | 1206 | |
| 4806 | 4822 051 10008 | CHIP JUMPER | 1206 | |
| 4808 | 4822 051 10008 | CHIP JUMPER | 1206 | |
| 4809 | 4822 051 10008 | CHIP JUMPER | 1206 | |

| | | | | |
|------|----------------|-------------|------|--|
| 4810 | 4822 051 10008 | CHIP JUMPER | 1206 | |
| 4811 | 4822 051 10008 | CHIP JUMPER | 1206 | |
| 4812 | 4822 051 10008 | CHIP JUMPER | 1206 | |
| 4813 | 4822 051 10008 | CHIP JUMPER | 1206 | |
| 4814 | 4822 051 10008 | CHIP JUMPER | 1206 | |

| | | | | |
|------|----------------|-------------|------|--|
| 4815 | 4822 051 10008 | CHIP JUMPER | 1206 | |
| 4816 | 4822 051 10008 | CHIP JUMPER | 1206 | |
| 4820 | 4822 051 10008 | CHIP JUMPER | 1206 | |
| 4850 | 4822 051 10008 | CHIP JUMPER | 1206 | |
| 4851 | 4822 051 10008 | CHIP JUMPER | 1206 | |

CAPACITORS

| | | | | |
|------|----------------|-------|----|-----|
| 2752 | 5322 122 32531 | 100pF | 5% | 50V |
| 2753 | 5322 122 32531 | 100pF | 5% | 50V |
| 2762 | 5322 122 32658 | 22pF | 5% | 50V |
| 2763 | 5322 122 32658 | 22pF | 5% | 50V |
| 2764 | 5322 122 32658 | 22pF | 5% | 50V |

| | | | | |
|------|----------------|-------|-----|------|
| 2769 | 4822 124 80115 | 4,7µF | 20% | 25V |
| 2770 | 4822 124 80115 | 4,7µF | 20% | 25V |
| 2814 | 4822 126 13239 | 2,2nF | 10% | 16V |
| 2818 | 4822 124 80483 | 47µF | 20% | 6,3V |
| 2831 | 4822 124 80483 | 47µF | 20% | 6,3V |

| | | | | |
|------|----------------|-------|-----|------|
| 2833 | 4822 124 80483 | 47µF | 20% | 6,3V |
| 2836 | 4822 126 13098 | 5,6nF | 20% | 16V |
| 2837 | 4822 122 10459 | 560pF | 10% | 50V |
| 2839 | 4822 121 51387 | 10nF | 20% | 16V |
| 2840 | 4822 122 10576 | 1,8nF | 10% | 16V |

| | | | | |
|------|----------------|--------|-----|------|
| 2843 | 5322 124 41948 | 0,47µF | 20% | 50V |
| 2847 | 5322 124 41942 | 33µF | 20% | 25V |
| 2848 | 4822 124 80483 | 47µF | 20% | 6,3V |
| 2849 | 4822 124 40433 | 47µF | 20% | 25V |
| 2850 | 4822 124 80115 | 4,7µF | 20% | 25V |

CAPACITORS

| | | | | |
|------|----------------|-------|-----|------|
| 2851 | 4822 121 51387 | 10nF | 20% | 16V |
| 2853 | 5322 121 42386 | 100nF | 5% | 63V |
| 2856 | 5322 121 42661 | 330nF | 5% | 63V |
| 2860 | 4822 124 40177 | 47µF | 20% | 10V |
| 2864 | 4822 124 42433 | 330µF | 20% | 6,3V |

| | | | | |
|------|----------------|-------|-----|------|
| 2866 | 4822 124 42433 | 330µF | 20% | 6,3V |
| 2892 | 4822 124 11423 | 4,7µF | 20% | 25V |

CHIP CAPACITORS

| | | | | |
|------|----------------|-------|-----|-----|
| 2802 | 4822 122 33064 | 330nF | 20% | 25V |
| 2803 | 4822 122 33515 | 82pF | 5% | 50V |
| 2804 | 4822 122 33515 | 82pF | 5% | 50V |
| 2805 | 5322 122 33538 | 150pF | 5% | 63V |
| 2806 | 5322 122 31946 | 27pF | 5% | 50V |

| | | | | |
|------|----------------|-------|----|-----|
| 2807 | 5322 122 32452 | 47pF | 5% | 50V |
| 2808 | 5322 122 32452 | 47pF | 5% | 50V |
| 2809 | 5322 122 32452 | 47pF | 5% | 50V |
| 2810 | 5322 122 32481 | 15pF | 5% | 50V |
| 2811 | 5322 122 33538 | 150pF | 5% | 63V |

| | | | | |
|------|----------------|-------|-----|-----|
| 2820 | 5322 116 80853 | 560pF | 5% | 63V |
| 2821 | 4822 126 10326 | 180pF | 5% | 63V |
| 2822 | 5322 122 31863 | 330pF | 5% | 50V |
| 2823 | 5322 122 31865 | 1,5nF | 10% | 63V |
| 2824 | 4822 126 10326 | 180pF | 5% | 63V |

| | | | | |
|------|----------------|-------|----|-----|
| 2825 | 4822 122 33575 | 220pF | 5% | 50V |
| 2826 | 4822 122 33575 | 220pF | 5% | 50V |
| 2827 | 4822 122 33575 | 220pF | 5% | 50V |
| 2828 | 4822 122 33575 | 220pF | 5% | 50V |
| 2829 | 4822 122 33575 | 220pF | 5% | 50V |

| | | | | |
|------|----------------|-------|-----|-----|
| 2830 | 4822 122 33575 | 220pF | 5% | 50V |
| 2834 | 5322 122 32654 | 22nF | 10% | 63V |
| 2838 | 4822 122 33496 | 100nF | 10% | 63V |
| 2852 | 4822 122 33496 | 100nF | 10% | 63V |
| 2854 | 5322 122 32531 | 100pF | 5% | 50V |

| | | | | |
|------|----------------|-------|-----|-----|
| 2857 | 5322 122 32452 | 47pF | 5% | 50V |
| 2858 | 5322 122 32654 | 22nF | 10% | 63V |
| 2859 | 4822 122 33496 | 100nF | 10% | 63V |
| 2861 | 5322 122 32658 | 22pF | 20% | 50V |
| 2862 | 5322 122 32661 | 56pF | 20% | 50V |

| | | | | |
|------|----------------|-------|-----|-----|
| 2867 | 4822 122 33496 | 100nF | 10% | 63V |
| 2876 | 5322 122 34123 | 1nF | 10% | 50V |
| 2877 | 5322 122 34123 | 1nF | 10% | 50V |
| 2878 | 5322 122 32531 | 100pF | 5% | 50V |
| 2879 | 5322 122 32531 | 100pF | 5% | 50V |

| | | | | |
|------|----------------|-------|-----|-----|
| 2881 | 4822 122 33496 | 100nF | 10% | 63V |
| 2883 | 4822 122 33064 | 330nF | 25% | 25V |
| 2891 | 4822 122 33496 | 100nF | 10% | 63V |
| 2893 | 5322 122 32531 | 100pF | 5% | 50V |
| 2894 | 5322 122 32531 | 100pF | 5% | 50V |

| | | | | |
|------|----------------|-------|----|-----|
| 2895 | 5322 122 32531 | 100pF | 5% | 50V |
| 2897 | 5322 122 32838 | 82nF | 5% | 50V |
| 2898 | 5322 122 32838 | 82nF | 5% | 50V |
| 2899 | 5322 122 32838 | 82nF | 5% | 50V |

Service

Service

Service

For details and exploded view see
Service Manual of tape transport RN/RR, RDN/RDR
General Documentation 4822 725 23763

44 990 A11

GB MAINTENANCE

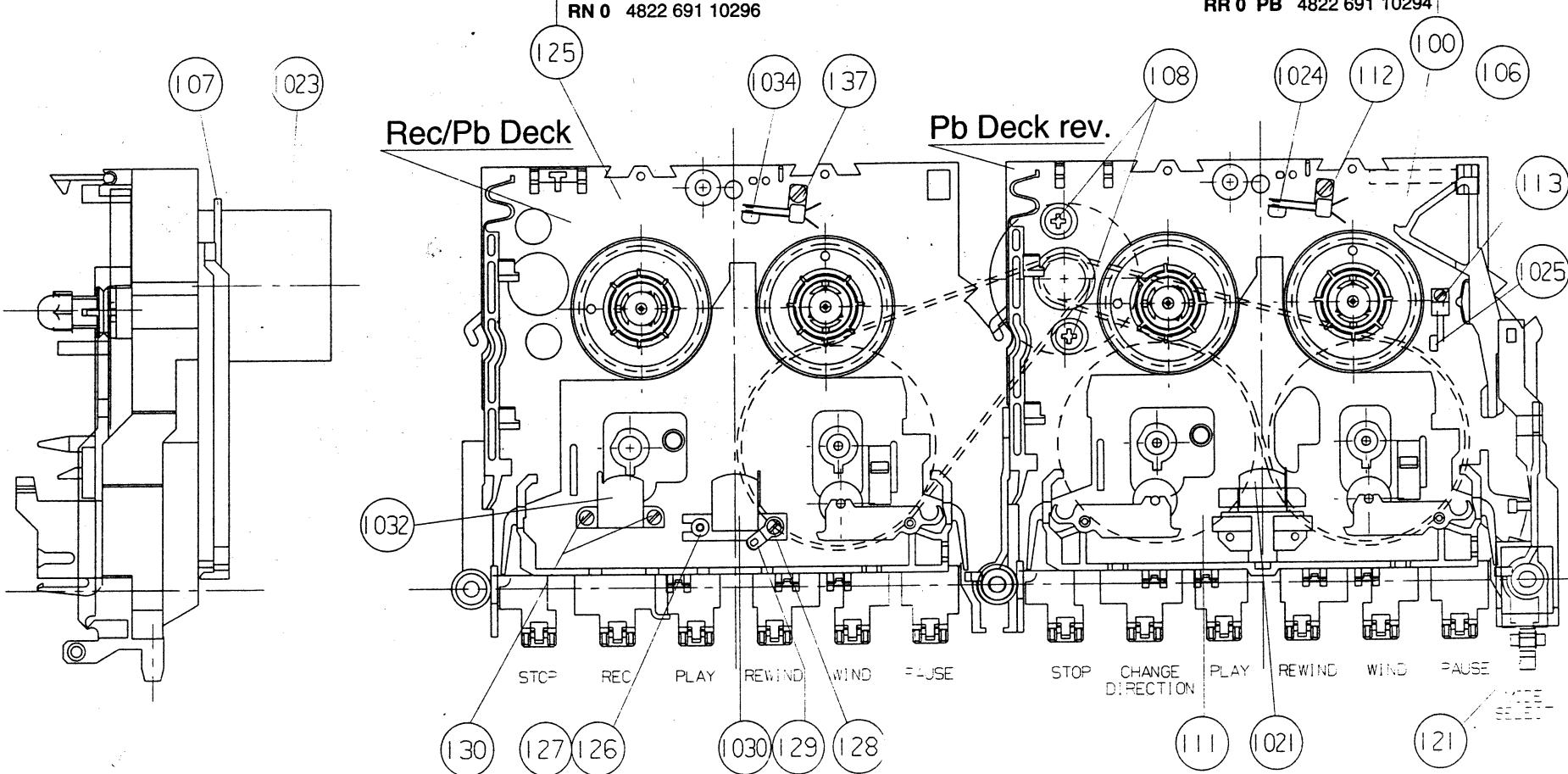
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STRIPPED VERSION WITHOUT NOTED ITEMS IS CALLED AND HANDLED AS

RN 0 4822 691 10296

RR 0 PB 4822 691 10294



| | | |
|------|----------------|------------------------------|
| 100 | 4822 691 10294 | RR 0 Pb assy |
| 106 | 4822 403 70385 | lever, antislect |
| 107 | 4822 529 10254 | damper,motor |
| 108 | 4822 502 11866 | screw,motor |
| 125 | 4822 691 10296 | RN 0 assy |
| 111 | 4822 492 70393 | headclip |
| 121 | 4822 403 53876 | lever, mode select |
| 126 | 4822 492 51473 | spring,azimuth |
| 1021 | 4822 249 30156 | head, reverse |
| 1023 | 4822 361 21718 | motor, MSI-5U9LWDR |
| 1024 | 4822 271 30596 | switch, indication play |
| 1025 | 4822 278 90624 | switch, indication direction |
| 1030 | 4822 249 10397 | head, Rec/Pb |
| 1032 | 4822 249 20072 | head,erase |
| 1034 | 4822 271 30596 | switch, indication play |

General parts

| | | |
|-------|----------------|---------------------------|
| 7/67 | 4822 520 10718 | bearing plate |
| 38/61 | 4822 520 40134 | ball, bearing |
| 40 | 4822 402 10037 | lever, pinch roller right |
| 41/76 | 4822 528 70646 | pinch roller |
| 43 | 4822 404 10853 | slide, key lock |
| 58 | 4822 358 30929 | drive belt RN0 S (long) |
| 73 | 4822 402 10038 | lever, pinch roller left |
| 74 | 4822 535 92992 | tapeguide right |
| 75 | 4822 535 92993 | tapeguide left |
| 98 | 4822 358 30928 | drive belt RN0 D (short) |
| 402 | 4822 528 20676 | take-up clutch assy |

Only those parts of which a service code number is
stated are service parts.